



**Marc Yeste Oliveras**

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## Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

### Brief CV -

Marc Yeste graduated with a Bachelor of Science (Biology) and an MSc in Biotechnology from Girona University, and earned a European PhD in Reproductive Biology. He also graduated with a Bachelor of Political and Social Sciences from UNED and read additional BA (Phil) courses.

Marc was a Visiting Researcher at the Institute of Zoology, Zoological Society of London (2006-2007) and was promoted to Assistant Professor of Cell Biology at the Faculty of Human Medicine, University of Girona (2008). In 2011, he moved to the Department of Animal Medicine and Surgery, Autonomous University of Barcelona, as a Juan de la Cierva Postdoctoral Research Fellow. He lectured Reproductive Technology and Physiology of Obstetrics, and Animal Reproduction at the Faculty of Veterinary Medicine. In 2014, Marc joined the Nuffield Department of Obstetrics and Gynaecology, University of Oxford, as a Marie Curie Fellow, and began to lecture in the MSc in Clinical Embryology, in which he is still involved. In 2016, he moved back to Girona University as a Senior Research Fellow (Ramón y Cajal).

Currently, Marc is an ICREA Academia Professor at the Department of Biology, University of Girona, and Director at TechnoSperm, TECNIO Centre for Reproductive Biotechnology ([www.technosperm.com](http://www.technosperm.com)). He teaches at the Faculties of Human Medicine, Nursing and Sciences, at the Polytechnic School, and for the MSc in Food Biotechnology, and in Molecular Biology and Biomedicine. In addition, he has been a Guest Lecturer at Oxford University (UK), University of Santiago de Compostela (Spain), University of Sao Paulo (Brazil), University of Alicante (Spain), Antonio Nariño University (Colombia), Federal University of Lavras (Brazil) and University of Murcia (Spain).

On the other hand, Marc is Editor-in-Chief of Animal Reproduction Science (Elsevier); Senior Editor of Scientific Reports (the multidisciplinary journal of the Nature publishing group); Associate Editor of Reproduction, Fertility and Development (CSIRO Publishing), Frontiers in Physiology (Frontiers), and Frontiers in Endocrinology (Frontiers); Academic Editor of Biology (MDPI); Section Editor of the International Journal of Molecular Sciences (MDPI); and Editorial Board Member of Theriogenology and Cryobiology (Elsevier). He has been a peer reviewer for more than 100 scientific journals, and an expert evaluator for research grants at different funding agencies, including AEI, Spain; BRSC, UK; Teagasc, Ireland; Marie Curie-COFUND, EU; NSERC, Canada; CONCYT, Argentina; MRC, UK; NSC, Poland; Lalor Foundation, USA; and GACR, Czech Republic.



His research has tackled different angles of Reproductive Biology in mammals (including humans, pigs, cattle, horses, donkeys, sheep, mice, cats and dogs): sperm physiology, interactions of sperm with epithelial cells from different reproductive tissues, cryopreservation of gametes and embryos, oocyte activation deficiency and fertility preservation.

Marc's track-record includes >370 publications: >220 papers and >120 abstracts in SCI/JCR-indexed journals, mostly Q1-ranked. In addition, he has authored 5 articles in non-scientific, dissemination journals, 14 book chapters (editor in 3), and 250 contributions to congresses (>25 as invited, plenary speaker), and is an inventor of a patent. He has taken part in more than 100 research grants and contracts with companies (national/international), including funding from the European Commission (FP7 and H2020 schemes), retaining the PI role in >35. Thus far, Marc has supervised 13 PhD students, 8 post-docs, 26 MSc students and >50 undergraduate students.

Marc's career has been recognised by the Higher Education Academy (UK) and the Royal Society of Biology (UK), where is a Fellow, and by the Ministry of Science, Innovation and Universities, Spain (I3, Outstanding Research Certificate). He was also habilitated as Full Professor by AQU and ANECA.

## General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

### General indicators of scientific activity

Total number of publications: 372

Articles in SCI/JCR-indexed Journals: 226 (195 in Q1)

Articles as first, second, co-senior or senior author: 181

Articles published in non-indexed journals: 5

Abstracts in SCI/JCR-indexed Journals: 128

International patents: 1

Book chapters: 14 (+ 4 submitted)

Books edited: 3 (+ 1 in progress)

Number of total citations: 5,894

h-index: 44

i-10 index: 141

Number of contributions to Congresses: 250 (27 as plenary speaker)



Projects and Research Contracts: 120 (39 as PI, funding attracted >□2.5M)

Number of Post-doctoral researchers supervised: 8 (+4 ongoing)

Number of PhD Students supervised: 13 (+5 ongoing)

Number of MSc Students supervised: 26 (+1 ongoing)

Number of undergraduate Students supervised: 59 (+4 ongoing)

Highest Accreditations/Recognitions: Full Professor of Cell Biology (AQU; ANECA) and I3 (MCIU)

Fellow of the Higher Education Academy

Fellow of the Royal Society of Biology

Fellow of the Royal Society of Medicine

Fellow of the Young Academy of Europe

Chartered Biologist

Chartered Scientist

Chartered Science Teacher

ICREA Academia Professor

**Marc Yeste Oliveras**

Surname(s): **Yeste Oliveras**  
 Name: **Marc**  
 DNI: **40334780W**  
 ORCID: **0000-0002-2209-340X**  
 ResearcherID: **G-5945-2012**  
 ScopusID: **10144838400**  
 Date of birth: **09/08/1980**  
 Gender: **Male**  
 Nationality: **Spain**  
 Country of birth: **Spain**  
 City of birth: **GIRONA (GIRONA )**  
 Contact address: **C/ Maria Aurèlia Company, 69**  
 Postcode: **17003**  
 Contact country: **Spain**  
 Contact city: **Girona**  
 Land line phone: **+34972419514 -**  
 Fax: **+34972418150**  
 Email: **marc.yeste@udg.edu**  
 Personal web page: **[http://www.udg.edu/personal/marc\\_yeste/](http://www.udg.edu/personal/marc_yeste/); [http://www.researchgate.net/profile/Marc\\_Yeste](http://www.researchgate.net/profile/Marc_Yeste)**

**Current professional situation**

**Employing entity:** Universitat de Girona (UdG)  
**Department:** Faculty of Medicine, Biology Department  
**Professional category:** PROFESOR AGREGADO  
**City employing entity:** Girona, Spain  
**Phone:** +34972419514      **Fax:** +34972418150      **Email:** marc.yeste@udg.edu  
**Start date:** 07/02/2020  
**Type of contract:** Others      **Dedication regime:** Full time  
**Primary (UNESCO code):** 241116 - Reproduction physiology  
**Secondary (UNESCO code):** 310411 - Reproduction  
**Tertiary (UNESCO code):** 310400 - Animal husbandry  
**Performed tasks:** FILL THE INFORMATION ABOUT PRESENT PROFESSIONAL OCUPATION IN YOUR TEXT'S CURRICULA TAB

**Previous positions and activities**

	Employing entity	Professional category	Start date
1	Universitat de Girona	Senior Research Fellow (Ramón y Cajal)	01/04/2016
2	University of Oxford	Senior Postdoctoral Research Fellow (Marie Curie)	01/04/2014
3	University of Girona	Assistant Professor	29/01/2014
4	Autonomous University of Barcelona		01/01/2011



	Employing entity	Professional category	Start date
		Postdoctoral Research Fellow (Juan de la Cierva)	
5	University of Girona	Assistant Professor	01/10/2008
6	University of Girona	Research Associate	01/05/2007
7	Institute of Zoology, Zoological Society of London	Visiting Researcher	01/01/2007
8	University of Girona	PhD Student	01/05/2003
9	Institute of Zoology, Zoological Society of London	Visiting Researcher	01/01/2006
10	University of Girona	MSc Student	01/09/2002
11	University of Girona	Undergraduate Student	01/02/2002
12	Clinical Laboratory, Josep Trueta Hospital (Catalan Institute of Health)	Undergraduate Student	01/07/2001
13	Universitat de Girona	Associate Professor (Professor Agregat)	07/02/2020

- 1** **Employing entity:** Universitat de Girona  
**Professional category:** Senior Research Fellow (Ramón y Cajal)  
**Start-End date:** 01/04/2016 - 06/02/2020      **Duration:** 3 years - 10 months - 6 days
- 2** **Employing entity:** University of Oxford  
**Professional category:** Senior Postdoctoral Research Fellow (Marie Curie)  
**Start-End date:** 01/04/2014 - 31/03/2016      **Duration:** 2 years
- 3** **Employing entity:** University of Girona  
**Professional category:** Assistant Professor  
**Start-End date:** 29/01/2014 - 31/03/2014      **Duration:** 2 months - 3 days
- 4** **Employing entity:** Autonomous University of Barcelona  
**Professional category:** Postdoctoral Research Fellow (Juan de la Cierva)  
**Start-End date:** 01/01/2011 - 31/12/2013      **Duration:** 3 years
- 5** **Employing entity:** University of Girona  
**Professional category:** Assistant Professor  
**Start-End date:** 01/10/2008 - 31/12/2010      **Duration:** 2 years - 3 months
- 6** **Employing entity:** University of Girona  
**Professional category:** Research Associate  
**Start-End date:** 01/05/2007 - 30/09/2008      **Duration:** 1 year - 5 months
- 7** **Employing entity:** Institute of Zoology, Zoological Society of London  
**Professional category:** Visiting Researcher  
**Start-End date:** 01/01/2007 - 30/06/2007      **Duration:** 6 months
- 8** **Employing entity:** University of Girona  
**Professional category:** PhD Student  
**Start-End date:** 01/05/2003 - 30/04/2007      **Duration:** 4 years



- 9** **Employing entity:** Institute of Zoology, Zoological Society of London  
**Professional category:** Visiting Researcher  
**Start-End date:** 01/01/2006 - 30/06/2006      **Duration:** 6 months
- 10** **Employing entity:** University of Girona  
**Professional category:** MSc Student  
**Start-End date:** 01/09/2002 - 30/04/2003      **Duration:** 8 months
- 11** **Employing entity:** University of Girona  
**Professional category:** Undergraduate Student  
**Start-End date:** 01/02/2002 - 31/08/2002      **Duration:** 7 months
- 12** **Employing entity:** Clinical Laboratory, Josep Trueta Hospital (Catalan Institute of Health)  
**Professional category:** Undergraduate Student  
**Start-End date:** 01/07/2001 - 31/08/2001      **Duration:** 2 months
- 13** **Employing entity:** Universitat de Girona  
**Professional category:** Associate Professor (Professor Agregat)  
**Start date:** 07/02/2020





## Education

### University education

#### 1st and 2nd cycle studies and pre-Bologna degrees

- 1 University degree:** Diploma / Degree / Activities  
**Name of qualification:** Licenciado en Ciencias Políticas y Sociología  
**City degree awarding entity:** Spain  
**Degree awarding entity:** Universidad Nacional de Educación a Distancia (UNED)  
**Date of qualification:** 01/10/2012
- 2 University degree:** Diploma / Degree / Activities  
**Name of qualification:** Llicenciat en Biologia  
**City degree awarding entity:** Spain  
**Degree awarding entity:** Universitat de Girona  
**Date of qualification:** 10/09/2002

#### Doctorates

- 1 Doctorate programme:** Doctorat Europeu  
**Degree awarding entity:** Universitat de Girona      **Type of entity:** University  
**City degree awarding entity:** Spain  
**Date of degree:** 19/12/2008  
**Thesis title:** New insights into boar sperm function and survival from integrated field and laboratory studies  
**Thesis director:** Bonet, S.; Briz, M.D.  
**Obtained qualification:** \*\*Excel·lent cum laude
- 2 Doctorate programme:** Diploma d'Estudis Avançats  
**Degree awarding entity:** Universitat de Girona      **Type of entity:** University  
**City degree awarding entity:** Spain  
**Date of degree:** 05/11/2004
- 3 Doctorate programme:** Programa de Doctorat en Ciències de la Salut  
**DEA awarding entity:** Universitat de Girona  
**Date DEA was awarded:** 2004  
**Thesis title:** Estudio de los efectos de los choques osmóticos en los eyaculados de los machos reproductores porcinos  
**Thesis director:** Bonet, S.; Briz, M.D.  
**Obtained qualification:** \*\*Excel·lent

## Other postgraduate university studies

- 1** **Type of education:** Postgraduate  
**Postgraduate qualification:** Training course in laboratory animal science: FELASA category C course for scientists  
**Degree awarding entity:** Universitat Autònoma de Barcelona **Type of entity:** University  
**Date of qualification:** 20/09/2013
- 2** **Type of education:** Postgraduate  
**Postgraduate qualification:** Certificate of Teaching in Secondary Schools (CAP)  
**Degree awarding entity:** Universitat de Girona **Type of entity:** University  
**Date of qualification:** 01/01/2004

## Specialised, lifelong, technical, professional and refresher training (other than formal academic and healthcare studies)

**Type of training:** Course  
**Training title:** Introduction to Research Ethics  
**Awarding entity:** Oxford Learning Institute, University of Oxford **Type of entity:** University  
**End date:** 16/09/2014

## Attended advanced, improvement and innovative teacher training and new technology courses and seminars focused on improving teaching

- 1** **Title of course/seminar:** Teaching Innovation Network: 'English as a Medium of Education' (60 h)  
**Organising entity:** Institut de Ciències de l'Educació Josep Pallach (Universitat de Girona) **Type of entity:** University  
**Start-End date:** 01/09/2021 - 27/07/2022 **Length:** 10 months - 27 days
- 2** **Title of course/seminar:** Teaching Innovation Network: 'Virtual Exchange and Collaborative Online International Learning (COIL)' (60 h)  
**Organising entity:** Institut de Ciències de l'Educació Josep Pallach (Universitat de Girona) **Type of entity:** University  
**Start-End date:** 01/04/2021 - 31/07/2021 **Length:** 4 months
- 3** **Title of course/seminar:** Teaching Innovation Network: 'English as a Medium of Education' (20 h)  
**Organising entity:** Institut de Ciències de l'Educació Josep Pallach (Universitat de Girona) **Type of entity:** University  
**Start-End date:** 24/11/2020 - 31/07/2021 **Length:** 8 months - 8 days
- 4** **Title of course/seminar:** Workshop of applied positive psychology (8 h)  
**Organising entity:** Institut de Ciències de l'Educació Josep Pallach (Universitat de Girona) **Type of entity:** University  
**Start-End date:** 26/01/2021 - 23/02/2021 **Length:** 29 days

- 5 Title of course/seminar:** Deeper immersion in COIL. Internationalising your CV with virtual interchanges Workshop 2 (3 h)  
**Organising entity:** Institut de Ciències de l'Educació Josep Pallach (Universitat de Girona) **Type of entity:** University  
**Start-End date:** 26/01/2021 - 26/01/2021 **Length:** 1 day
- 6 Title of course/seminar:** COIL and Intercultural knowledge: how we may help students for their intercultural experiences. Workshop 1 (3 h)  
**Organising entity:** Institut de Ciències de l'Educació Josep Pallach (Universitat de Girona) **Type of entity:** University  
**Start-End date:** 19/01/2021 - 19/01/2021 **Length:** 1 day
- 7 Title of course/seminar:** Advanced Academic English 1st part (40 h)  
**Organising entity:** Institut de Ciències de l'Educació Josep Pallach (Universitat de Girona) **Type of entity:** University  
**Start-End date:** 13/01/2020 - 08/06/2020 **Length:** 4 months - 27 days
- 8 Title of course/seminar:** Teaching Fellowship Preparation (TFP)  
**Organising entity:** Oxford Learning Institute, University of Oxford **Type of entity:** University  
**Start-End date:** 01/11/2014 - 15/09/2015 **Length:** 10 months - 15 days
- 9 Title of course/seminar:** Teaching skills part 3: writing a teaching portfolio (DLT3)  
**Organising entity:** Oxford Learning Institute, University of Oxford **Type of entity:** University  
**Start-End date:** 01/09/2014 - 20/09/2014 **Length:** 20 days
- 10 Title of course/seminar:** Teaching skills part 2: lecturing skills (DLT2)  
**Organising entity:** Oxford Learning Institute, University of Oxford **Type of entity:** University  
**Start-End date:** 01/06/2014 - 31/07/2014 **Length:** 2 months
- 11 Title of course/seminar:** Teaching skills part 1: introduction to teaching and learning (DLT1)  
**Organising entity:** Oxford Learning Institute, University of Oxford **Type of entity:** University  
**Start-End date:** 01/05/2014 - 31/05/2014 **Length:** 1 month
- 12 Title of course/seminar:** Tools for teaching organization at the Faculty of Human Medicine, University of Girona (2 h)  
**Organising entity:** Institut de Ciències de l'Educació Josep Pallach (Universitat de Girona) **Type of entity:** University  
**Start-End date:** 03/09/2009 - 03/09/2009 **Length:** 1 day
- 13 Title of course/seminar:** Problem-Based Learning (PBL) at the Faculty of Human Medicine, University of Girona: Course for Tutors (16 h)  
**Organising entity:** Institut de Ciències de l'Educació Josep Pallach (Universitat de Girona) **Type of entity:** University  
**Start-End date:** 02/09/2009 - 03/09/2009 **Length:** 2 days



- 14 Title of course/seminar:** Problem-Based Learning (PBL) at the Faculty of Human Medicine, University of Girona: Students assessment (3 h)  
**Organising entity:** Institut de Ciències de l'Educació Josep Pallach (Universitat de Girona) **Type of entity:** University  
**Start-End date:** 14/07/2009 - 14/07/2009 **Length:** 1 day
- 15 Title of course/seminar:** Problem-Based Learning (PBL) at the Faculty of Human Medicine, University of Girona: Basic course (6 h)  
**Organising entity:** Institut de Ciències de l'Educació Josep Pallach (Universitat de Girona) **Type of entity:** University  
**Start-End date:** 01/07/2009 - 02/07/2009 **Length:** 2 days
- 16 Title of course/seminar:** Implementing Problem-Based Learning (PBL) at the Faculty of Human Medicine, University of Girona: Work sessions for Module 1 (24 h)  
**Organising entity:** Institut de Ciències de l'Educació Josep Pallach (Universitat de Girona) **Type of entity:** University  
**Start-End date:** 02/06/2009 - 30/06/2009 **Length:** 29 days
- 17 Title of course/seminar:** Use of virtual resources for teaching purposes (2 h)  
**Organising entity:** Institut de Ciències de l'Educació Josep Pallach (Universitat de Girona) **Type of entity:** University  
**Start-End date:** 18/02/2009 - 18/02/2009 **Length:** 1 day
- 18 Title of course/seminar:** ACME Virtual Platform (Continuous Assessment and Improvement of Education) and their teaching uses (4 h)  
**Organising entity:** Institut de Ciències de l'Educació Josep Pallach (Universitat de Girona) **Type of entity:** University  
**Start-End date:** 09/06/2008 - 09/06/2008 **Length:** 1 day
- 19 Title of course/seminar:** IX Jornada de Qualitat INGECAL (Quality Management Skills; 4 h)  
**Organising entity:** Ingeniería de la Calidad y el Medio Ambiente, S.L. **Type of entity:** Body, others  
**Start-End date:** 08/11/2007 - 08/11/2007 **Length:** 1 day

## Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
Catalan	C2	C2	C2	C2	C2
Spanish	C2	C2	C2	C2	C2
French	C1	C1	C1	C1	C1
English	C1	C1	C1	C1	C1
German	A2	A2	A2	A2	A2
Portuguese	A2	A2	A1	A1	A1
Italian	A1	A1	A1	A1	A1

## Teaching experience

### General teaching experience

- 1 Type of teaching:** International teaching  
**Name of the course:** Assisted Reproductive Technology (MSc in Clinical Embryology; Compulsory, 3 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 02/02/2022  
**End date:** 02/02/2022  
**Entity:** University of Oxford (UK)
- 2 Type of teaching:** Official teaching  
**Name of the course:** Practical Module (MSc in Molecular Biology and Biomedicine; Optional, 8 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2021  
**End date:** 30/09/2022  
**Entity:** Universitat de Girona
- 3 Type of teaching:** Official teaching  
**Name of the course:** Master's Research Project (MSc in Food Biotechnology; Compulsory, 1.5 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2021  
**End date:** 30/09/2022  
**Entity:** Universitat de Girona
- 4 Type of teaching:** Official teaching  
**Name of the course:** Master's Research Project (MSc in Molecular Biology and Biomedicine; Compulsory, 7 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2021  
**End date:** 30/09/2022  
**Entity:** Universitat de Girona
- 5 Type of teaching:** Official teaching  
**Name of the course:** Cell and Gene Therapy (BSc in Biotechnology; Optional, 11.3 h)  
**Type of programme:** Teaching in grade  
**Start date:** 01/10/2021  
**End date:** 30/06/2022  
**Entity:** Universitat de Girona
- 6 Type of teaching:** Official teaching  
**Name of the course:** Cell Structure and Function (MSc in Molecular Biology and Biomedicine; Compulsory, 9.2 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2021  
**End date:** 30/06/2022  
**Entity:** Universitat de Girona

- 7** **Type of teaching:** Official teaching  
**Name of the course:** Therapeutic strategies for clinical use (MSc in Molecular Biology and Biomedicine; Compulsory, 10 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2021  
**End date:** 30/06/2022  
**Entity:** Universitat de Girona
- 8** **Type of teaching:** Official teaching  
**Name of the course:** Molecular Basis of Cell Specialization (MSc in Molecular Biology and Biomedicine; Optional, 10 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2021  
**End date:** 30/06/2022  
**Entity:** Universitat de Girona
- 9** **Type of teaching:** Official teaching  
**Name of the course:** Animal Biotechnology (MSc in Food Biotechnology; Optional, 12.5 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2021  
**End date:** 30/06/2022  
**Entity:** Universitat de Girona
- 10** **Type of teaching:** Official teaching  
**Name of the course:** Scientific dissemination and exploitation of research results (MSc in Food Biotechnology; Optional, 10 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2021  
**End date:** 30/06/2022  
**Entity:** Universitat de Girona
- 11** **Type of teaching:** Official teaching  
**Name of the course:** Introduction to the study of Medicine: homeostasis and regulation (MD Degree; Compulsory, PBL, 42.3 h)  
**Type of programme:** Teaching in grade  
**Start date:** 27/09/2021  
**End date:** 28/02/2022  
**Entity:** Universitat de Girona
- 12** **Type of teaching:** Official teaching  
**Name of the course:** Introduction to professionalization (BSc in Biology, BSc in Biotechnology and BSc in Environmental Sciences; Optional, 45 h)  
**Type of programme:** Teaching in grade  
**Start date:** 15/09/2021  
**End date:** 30/06/2022  
**Entity:** Universitat de Girona
- 13** **Type of teaching:** Official teaching  
**Name of the course:** Final Degree Project (BSc in Biotechnology; Compulsory, 2.5 h)  
**Type of programme:** Teaching in grade

**Start date:** 13/09/2021  
**End date:** 31/07/2022  
**Entity:** Universitat de Girona

- 14** **Type of teaching:** Official teaching  
**Name of the course:** Final Degree Project (BSc in Biology; Compulsory, 10 h)  
**Type of programme:** Teaching in grade  
**Start date:** 13/09/2021  
**End date:** 31/07/2022  
**Entity:** Universitat de Girona
- 15** **Type of teaching:** Official teaching  
**Name of the course:** Nutrition, Metabolism and Biochemistry (Bachelor of Nursing; Compulsory, 60 h)  
**Type of programme:** Teaching in grade  
**Start date:** 13/09/2021  
**End date:** 30/06/2022  
**Entity:** Universitat de Girona
- 16** **Type of teaching:** Official teaching  
**Name of the course:** Food Biotechnology (BSc in Biotechnology; Optional, 20 h)  
**Type of programme:** Teaching in grade  
**Start date:** 13/09/2021  
**End date:** 30/06/2022  
**Entity:** Universitat de Girona
- 17** **Type of teaching:** Official teaching  
**Name of the course:** Teaching activities in English (BSc in Biology, BSc in Biotechnology and BSc in Environmental Sciences; 6 h)  
**Type of programme:** Teaching in grade  
**Start date:** 13/09/2021  
**End date:** 30/06/2022  
**Entity:** Universitat de Girona
- 18** **Type of teaching:** Official teaching  
**Name of the course:** Tutorial Action Scheme (BSc in Biotechnology and in Biology; Compulsory, 10 h)  
**Type of programme:** Teaching in grade  
**Start date:** 13/09/2021  
**End date:** 30/06/2022  
**Entity:** Universitat de Girona
- 19** **Type of teaching:** International teaching  
**Name of the course:** Reproductive Physiology and Biotechnology (Doctor in Veterinary Medicine, DVM; Compulsory, 3 h)  
**Type of programme:** Teaching in grade  
**Start date:** 23/04/2021  
**End date:** 23/04/2021  
**Entity:** Universidad Antonio Nariño (UAN, Colombia)
- 20** **Type of teaching:** International teaching  
**Name of the course:** Assisted Reproductive Technology (MSc in Clinical Embryology; Compulsory, 3 h) (Taught Master)

**Type of programme:** Master's degree  
**Start date:** 01/02/2021  
**End date:** 01/02/2021  
**Entity:** University of Oxford (UK)

- 21** **Type of teaching:** International teaching  
**Name of the course:** Analysis of Sperm Function (MSc in Reproductive Biology and Technology in mammals; Compulsory, 3 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 25/11/2020  
**End date:** 25/11/2020  
**Entity:** Universidad de Murcia
- 22** **Type of teaching:** Official teaching  
**Name of the course:** Practical Module (MSc in Molecular Biology and Biomedicine; Optional, 7 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2020  
**End date:** 30/09/2021  
**Entity:** Universitat de Girona
- 23** **Type of teaching:** Official teaching  
**Name of the course:** Master's Research Project (MSc in Molecular Biology and Biomedicine; Compulsory, 3.5 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2020  
**End date:** 30/09/2021  
**Entity:** Universitat de Girona
- 24** **Type of teaching:** Official teaching  
**Name of the course:** Master's Research Project (MSc in Food Biotechnology; Compulsory, 1.5 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2020  
**End date:** 30/09/2021  
**Entity:** Universitat de Girona
- 25** **Type of teaching:** Official teaching  
**Name of the course:** Molecular Basis of Cell Specialization (MSc in Molecular Biology and Biomedicine; Optional, 10 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2020  
**End date:** 30/06/2021  
**Entity:** Universitat de Girona
- 26** **Type of teaching:** Official teaching  
**Name of the course:** Scientific dissemination and exploitation of research results (MSc in Food Biotechnology; Optional, 10 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2020  
**End date:** 30/06/2021  
**Entity:** Universitat de Girona



- 27** **Type of teaching:** Official teaching  
**Name of the course:** Therapeutic strategies for clinical use (MSc in Molecular Biology and Biomedicine; Compulsory, 10 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2020  
**End date:** 30/06/2021  
**Entity:** Universitat de Girona
- 28** **Type of teaching:** Official teaching  
**Name of the course:** Nutrition, Metabolism and Biochemistry (Bachelor of Nursing; Compulsory, 60 h)  
**Type of programme:** Teaching in grade  
**Start date:** 01/10/2020  
**End date:** 30/06/2021  
**Entity:** Universitat de Girona
- 29** **Type of teaching:** Official teaching  
**Name of the course:** Food Security and Traceability (MSc in Food Biotechnology; Optional, 5 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2020  
**End date:** 30/06/2021  
**Entity:** Universitat de Girona
- 30** **Type of teaching:** Official teaching  
**Name of the course:** Introduction to the study of Medicine: homeostasis and regulation (MD Degree; Compulsory, PBL, 42 h)  
**Type of programme:** Teaching in grade  
**Start date:** 24/09/2020  
**End date:** 28/02/2021  
**Entity:** Universitat de Girona
- 31** **Type of teaching:** Official teaching  
**Name of the course:** Final Degree Project (BSc in Biology; Compulsory, 6 h)  
**Type of programme:** Teaching in grade  
**Start date:** 15/09/2020  
**End date:** 09/2021  
**Entity:** Universitat de Girona
- 32** **Type of teaching:** Official teaching  
**Name of the course:** Final Degree Project (BSc in Biotechnology; Compulsory, 5 h)  
**Type of programme:** Teaching in grade  
**Start date:** 15/09/2020  
**End date:** 09/2021  
**Entity:** Universitat de Girona
- 33** **Type of teaching:** Official teaching  
**Name of the course:** Introduction to professionalization (BSc in Biology, BSc in Biotechnology and BSc in Environmental Sciences; Optional, 20.5 h)  
**Type of programme:** Teaching in grade  
**Start date:** 15/09/2020  
**End date:** 30/06/2021  
**Entity:** Universitat de Girona

- 34** **Type of teaching:** Official teaching  
**Name of the course:** Cell and Gene Therapy (BSc in Biotechnology; Optional, 11.2 h)  
**Type of programme:** Teaching in grade  
**Start date:** 01/09/2020  
**End date:** 30/06/2021  
**Entity:** Universitat de Girona
- 35** **Type of teaching:** Official teaching  
**Name of the course:** Tutorial Action Scheme (BSc in Biotechnology and in Biology; Compulsory, 10 h)  
**Type of programme:** Teaching in grade  
**Start date:** 01/09/2020  
**End date:** 30/06/2021  
**Entity:** Universitat de Girona
- 36** **Type of teaching:** Official teaching  
**Name of the course:** Practical Module (MSc in Molecular Biology and Biomedicine; Optional, 7 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2019  
**End date:** 30/09/2020  
**Entity:** Universitat de Girona
- 37** **Type of teaching:** Official teaching  
**Name of the course:** Master's Research Project (MSc in Molecular Biology and Biomedicine; Compulsory, 4 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2019  
**End date:** 30/09/2020  
**Entity:** Universitat de Girona
- 38** **Type of teaching:** Official teaching  
**Name of the course:** Cell Structure and Function (MSc in Molecular Biology and Biomedicine; Compulsory, 15 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2019  
**End date:** 30/06/2020  
**Entity:** Universitat de Girona
- 39** **Type of teaching:** Official teaching  
**Name of the course:** Molecular Basis of Cell Specialization (MSc in Molecular Biology and Biomedicine; Optional, 10 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2019  
**End date:** 30/06/2020  
**Entity:** Universitat de Girona
- 40** **Type of teaching:** Official teaching  
**Name of the course:** Nutrition, Metabolism and Biochemistry (Bachelor of Nursing; Compulsory, 30 h)  
**Type of programme:** Teaching in grade  
**Start date:** 01/10/2019  
**End date:** 30/06/2020

**Entity:** Universitat de Girona

**41 Type of teaching:** Official teaching

**Name of the course:** Scientific dissemination and exploitation of research results (MSc in Food Biotechnology; Optional, 10 h) (Taught Master)

**Type of programme:** Master's degree

**Start date:** 01/10/2019

**End date:** 30/06/2020

**Entity:** Universitat de Girona

**42 Type of teaching:** International teaching

**Name of the course:** Assisted Reproductive Technology (MSc in Clinical Embryology; Compulsory, 16 h) (Taught Master)

**Type of programme:** Master's degree

**Start date:** 01/10/2019

**End date:** 30/06/2020

**Entity:** University of Oxford (UK)

**43 Type of teaching:** Official teaching

**Name of the course:** Cellular and Molecular Basis of Reproductive Biology (MSc in Human Fertility; Compulsory, 2 h) (Taught Master)

**Type of programme:** Master's degree

**Start date:** 01/10/2019

**End date:** 30/06/2020

**Entity:** Universidad de Alicante

**44 Type of teaching:** International teaching

**Name of the course:** Analysis of Sperm Function (MSc in Reproductive Biology and Technology in mammals; Compulsory, 3 h) (Taught Master)

**Type of programme:** Master's degree

**Start date:** 01/10/2019

**End date:** 30/06/2020

**Entity:** Universidad de Murcia

**45 Type of teaching:** Official teaching

**Name of the course:** Therapeutic strategies for clinical use (MSc in Molecular Biology and Biomedicine; Compulsory, 10 h) (Taught Master)

**Type of programme:** Master's degree

**Start date:** 01/10/2019

**End date:** 30/06/2020

**Entity:** Universitat de Girona

**46 Type of teaching:** Official teaching

**Name of the course:** Introduction to the study of Medicine: homeostasis and regulation (MD Degree; Compulsory, PBL, 42 h)

**Type of programme:** Teaching in grade

**Start date:** 24/09/2019

**End date:** 28/02/2020

**Entity:** Universitat de Girona

- 47** **Type of teaching:** Official teaching  
**Name of the course:** Introduction to the study of Medicine: homeostasis and regulation (MD Degree; Compulsory, Practical sessions, 3.8 h)  
**Type of programme:** Teaching in grade  
**Start date:** 24/09/2019  
**End date:** 28/02/2020  
**Entity:** Universitat de Girona
- 48** **Type of teaching:** Official teaching  
**Name of the course:** Final Degree Project (BSc in Biotechnology; Compulsory, 2 h)  
**Type of programme:** Teaching in grade  
**Start date:** 15/09/2019  
**End date:** 09/2020  
**Entity:** Universitat de Girona
- 49** **Type of teaching:** Official teaching  
**Name of the course:** Final Degree Project (BSc in Biology; Compulsory, 4.5 h)  
**Type of programme:** Teaching in grade  
**Start date:** 15/09/2019  
**End date:** 09/2020  
**Entity:** Universitat de Girona
- 50** **Type of teaching:** Official teaching  
**Name of the course:** Integrated Scientific Skills III (BSc in Biology; Compulsory, 10 h)  
**Type of programme:** Teaching in grade  
**Start date:** 15/09/2019  
**End date:** 30/06/2020  
**Entity:** Universitat de Girona
- 51** **Type of teaching:** Official teaching  
**Name of the course:** Integrated Scientific Skills III (BSc in Biotechnology; Compulsory, 10 h)  
**Type of programme:** Teaching in grade  
**Start date:** 15/09/2019  
**End date:** 30/06/2020  
**Entity:** Universitat de Girona
- 52** **Type of teaching:** Official teaching  
**Name of the course:** Introduction to professionalization (BSc in Biology, BSc in Biotechnology and BSc in Environmental Sciences; Optional, 22.5 h)  
**Type of programme:** Teaching in grade  
**Start date:** 15/09/2019  
**End date:** 30/06/2020  
**Entity:** Universitat de Girona
- 53** **Type of teaching:** International teaching  
**Name of the course:** ¿Cómo publicar en revistas de impacto? (Taught PhD)  
**Type of programme:** Doctorate  
**Start date:** 05/12/2018  
**End date:** 05/12/2018  
**Entity:** Universidad de Santiago de Compostela (USC)

- 54** **Type of teaching:** International teaching  
**Name of the course:** International Course on Equine Reproduction (Postgraduate un Animal Reproduction; Optional, 16 h)  
**Type of programme:** Graduate Courses - Taught  
**Start date:** 15/11/2018  
**End date:** 17/11/2018  
**Entity:** Universidad Antonio Nariño (UAN, Colombia)
- 55** **Type of teaching:** Official teaching  
**Name of the course:** Nutrition, Metabolism and Biochemistry (Bachelor of Nursing; Compulsory, 40 h)  
**Type of programme:** Teaching in grade  
**Start date:** 01/10/2018  
**End date:** 30/06/2019  
**Entity:** Universitat de Girona
- 56** **Type of teaching:** International teaching  
**Name of the course:** Assisted Reproductive Technology (MSc in Clinical Embryology; Compulsory, 16 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2018  
**End date:** 30/06/2019  
**Entity:** University of Oxford (UK)
- 57** **Type of teaching:** Official teaching  
**Name of the course:** Cell Structure and Function (MSc in Molecular Biology and Biomedicine; Compulsory, 15 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2018  
**End date:** 30/06/2019  
**Entity:** Universitat de Girona
- 58** **Type of teaching:** Official teaching  
**Name of the course:** Practical Module (MSc in Molecular Biology and Biomedicine; Optional, 12 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2018  
**End date:** 30/06/2019  
**Entity:** Universitat de Girona
- 59** **Type of teaching:** Official teaching  
**Name of the course:** Scientific dissemination and exploitation of research results (MSc in Food Biotechnology; Optional, 10 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2018  
**End date:** 30/06/2019  
**Entity:** Universitat de Girona
- 60** **Type of teaching:** Official teaching  
**Name of the course:** Molecular Basis of Cell Specialization (MSc in Molecular Biology and Biomedicine; Optional, 10 h) (Taught Master)  
**Type of programme:** Master's degree



**Start date:** 01/10/2018  
**End date:** 30/06/2019  
**Entity:** Universitat de Girona

- 61** **Type of teaching:** Official teaching  
**Name of the course:** Food Security and Traceability (MSc in Food Biotechnology; Optional, 5 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2018  
**End date:** 30/06/2019  
**Entity:** Universitat de Girona
- 62** **Type of teaching:** Official teaching  
**Name of the course:** Study of the Structure and Function of the Human Body 2 (MD Degree; Compulsory, 12.9 h)  
**Type of programme:** Teaching in grade  
**Start date:** 15/09/2018  
**End date:** 30/06/2019  
**Entity:** Universitat de Girona
- 63** **Type of teaching:** Official teaching  
**Name of the course:** Practicum (BSc in Biology; Optional, 1.5 h)  
**Type of programme:** Teaching in grade  
**Start date:** 01/10/2017  
**End date:** 30/09/2018  
**Entity:** Universitat de Girona
- 64** **Type of teaching:** Official teaching  
**Name of the course:** Final Degree Project (BSc in Biology; Compulsory, 12.6 h)  
**Type of programme:** Teaching in grade  
**Start date:** 01/10/2017  
**End date:** 30/09/2018  
**Entity:** Universitat de Girona
- 65** **Type of teaching:** International teaching  
**Name of the course:** Assisted Reproductive Technology (MSc in Clinical Embryology, 16 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2017  
**End date:** 30/09/2018  
**Entity:** University of Oxford (UK)
- 66** **Type of teaching:** Official teaching  
**Name of the course:** Master's Research Project (MSc in Molecular Biology and Biomedicine; Compulsory, 6 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2017  
**End date:** 30/09/2018  
**Entity:** Universitat de Girona
- 67** **Type of teaching:** Official teaching  
**Name of the course:** Practical Module (MSc in Molecular Biology and Biomedicine; Optional, 9.3 h) (Taught Master)  
**Type of programme:** Master's degree

**Start date:** 01/10/2017  
**End date:** 30/09/2018  
**Entity:** Universitat de Girona

- 68** **Type of teaching:** Official teaching  
**Name of the course:** Politics and practical skills for publishing scientific papers (Doctoral Programme in Molecular Biology, Biomedicine and Health; Optional, 4.6 h) (Taught PhD)  
**Type of programme:** Doctorate  
**Start date:** 01/10/2017  
**End date:** 30/09/2018  
**Entity:** Universitat de Girona
- 69** **Type of teaching:** Official teaching  
**Name of the course:** Cell Physiology (BSc in Biology; Optional, 3.3 h)  
**Type of programme:** Teaching in grade  
**Start date:** 01/10/2017  
**End date:** 30/06/2018  
**Entity:** Universitat de Girona
- 70** **Type of teaching:** Official teaching  
**Name of the course:** Compared Organography (BSc in Biology; Optional, 1 h)  
**Type of programme:** Teaching in grade  
**Start date:** 01/10/2017  
**End date:** 30/06/2018  
**Entity:** Universitat de Girona
- 71** **Type of teaching:** Official teaching  
**Name of the course:** Nutrition, Metabolism and Biochemistry (Bachelor of Nursing; Compulsory, 30 h)  
**Type of programme:** Teaching in grade  
**Start date:** 01/10/2017  
**End date:** 30/06/2018  
**Entity:** Universitat de Girona
- 72** **Type of teaching:** Official teaching  
**Name of the course:** Cell Structure and Function (MSc in Molecular Biology and Biomedicine; Compulsory, 15 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2017  
**End date:** 30/06/2018  
**Entity:** Universitat de Girona
- 73** **Type of teaching:** Official teaching  
**Name of the course:** Scientific dissemination and exploitation of research results (MSc in Food Biotechnology; Optional, 10 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2017  
**End date:** 30/06/2018  
**Entity:** Universitat de Girona

- 74** **Type of teaching:** Official teaching  
**Name of the course:** Molecular Basis of Cell Specialization (MSc in Molecular Biology and Biomedicine; Compulsory, 10 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2017  
**End date:** 30/06/2018  
**Entity:** Universitat de Girona
- 75** **Type of teaching:** Official teaching  
**Name of the course:** Food Security and Traceability (MSc in Food Biotechnology; Optional, 5 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2017  
**End date:** 30/06/2018  
**Entity:** Universitat de Girona
- 76** **Type of teaching:** Official teaching  
**Name of the course:** Study of the Structure and Function of the Human Body 1 (MD Degree; Compulsory, 19.5 h)  
**Type of programme:** Teaching in grade  
**Start date:** 15/09/2017  
**End date:** 30/06/2018  
**Entity:** Universitat de Girona
- 77** **Type of teaching:** Official teaching  
**Name of the course:** Study of the Structure and Function of the Human Body 2 (MD Degree; Compulsory, 12.1 h)  
**Type of programme:** Teaching in grade  
**Start date:** 15/09/2017  
**End date:** 30/06/2018  
**Entity:** Universitat de Girona
- 78** **Type of teaching:** Official teaching  
**Name of the course:** Study of the Structure and Function of the Human Body 3 (MD Degree; Compulsory, 6 h)  
**Type of programme:** Teaching in grade  
**Start date:** 15/09/2017  
**End date:** 30/06/2018  
**Entity:** Universitat de Girona
- 79** **Type of teaching:** Official teaching  
**Name of the course:** Practicum (BSc in Biology; Optional, 6 h)  
**Type of programme:** Teaching in grade  
**Start date:** 01/10/2016  
**End date:** 30/09/2017  
**Entity:** Universitat de Girona
- 80** **Type of teaching:** Official teaching  
**Name of the course:** Final Degree Project (BSc in Biology; Compulsory, 7.2 h)  
**Type of programme:** Teaching in grade  
**Start date:** 01/10/2016  
**End date:** 30/09/2017  
**Entity:** Universitat de Girona





- 81** **Type of teaching:** International teaching  
**Name of the course:** Assisted Reproductive Technology (MSc in Clinical Embryology, 16 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2016  
**End date:** 30/09/2017  
**Entity:** University of Oxford (UK)
- 82** **Type of teaching:** Official teaching  
**Name of the course:** Master's Research Project (MSc in Molecular Biology and Biomedicine; Compulsory, 6 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2016  
**End date:** 30/09/2017  
**Entity:** Universitat de Girona
- 83** **Type of teaching:** Official teaching  
**Name of the course:** Practical Module (MSc in Molecular Biology and Biomedicine; Optional, 10 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2016  
**End date:** 30/09/2017  
**Entity:** Universitat de Girona
- 84** **Type of teaching:** Official teaching  
**Name of the course:** Politics and practical skills for publishing scientific papers (Doctoral Programme in Molecular Biology, Biomedicine and Health; Optional, 4.6 h) (Taught PhD)  
**Type of programme:** Doctorate  
**Start date:** 01/10/2016  
**End date:** 30/09/2017  
**Entity:** Universitat de Girona
- 85** **Type of teaching:** Official teaching  
**Name of the course:** Integrated Scientific Skills III (BSc in Biotechnology; Compulsory, 5 h)  
**Type of programme:** Teaching in grade  
**Start date:** 01/10/2016  
**End date:** 30/06/2017  
**Entity:** Universitat de Girona
- 86** **Type of teaching:** Official teaching  
**Name of the course:** Cell Structure and Function (MSc in Molecular Biology and Biomedicine; Compulsory, 15 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2016  
**End date:** 30/06/2017  
**Entity:** Universitat de Girona
- 87** **Type of teaching:** Official teaching  
**Name of the course:** Scientific dissemination and exploitation of research results (MSc in Food Biotechnology; Optional, 10 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2016

**End date:** 30/06/2017  
**Entity:** Universitat de Girona

- 88** **Type of teaching:** Official teaching  
**Name of the course:** Advanced topics in Physiology and Cryopreservation of boar semen (Postgraduate in Animal Reproduction; Compulsory, 24 h)  
**Type of programme:** Graduate Courses - Taught  
**Start date:** 01/10/2016  
**End date:** 30/11/2016  
**Entity:** University of Sao Paulo (USP, Brazil)
- 89** **Type of teaching:** Official teaching  
**Name of the course:** Study of the Structure and Function of the Human Body 1 (MD Degree; Compulsory, 22 h)  
**Type of programme:** Teaching in grade  
**Start date:** 15/09/2016  
**End date:** 30/06/2017  
**Entity:** Universitat de Girona
- 90** **Type of teaching:** Official teaching  
**Name of the course:** Study of the Structure and Function of the Human Body 2 (MD Degree; Compulsory, 10 h)  
**Type of programme:** Teaching in grade  
**Start date:** 15/09/2016  
**End date:** 30/06/2017  
**Entity:** Universitat de Girona
- 91** **Type of teaching:** Official teaching  
**Name of the course:** Study of the Structure and Function of the Human Body 3 (MD Degree; Compulsory, 10 h)  
**Type of programme:** Teaching in grade  
**Start date:** 15/09/2016  
**End date:** 30/06/2017  
**Entity:** Universitat de Girona
- 92** **Type of teaching:** Official teaching  
**Name of the course:** Master's Research Project (MSc in Molecular Biology and Biomedicine; Compulsory, 3 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/04/2016  
**End date:** 30/09/2016  
**Entity:** Universitat de Girona
- 93** **Type of teaching:** International teaching  
**Name of the course:** Essential Cellular and Molecular Biology (MSc in Clinical Embryology, 2 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2015  
**End date:** 30/09/2016  
**Entity:** University of Oxford (UK)
- 94** **Type of teaching:** International teaching  
**Name of the course:** Laboratory Methods and Practical Skills (MSc in Clinical Embryology, 8 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 01/10/2015



**End date:** 30/09/2016

**Entity:** University of Oxford (UK)

**95 Type of teaching:** International teaching

**Name of the course:** Assisted Reproductive Technology (MSc in Clinical Embryology, 16 h) (Taught Master)

**Type of programme:** Master's degree

**Start date:** 01/10/2015

**End date:** 30/09/2016

**Entity:** University of Oxford (UK)

**96 Type of teaching:** International teaching

**Name of the course:** The Mammalian Reproductive System (MSc in Clinical Embryology; Compulsory, 2 h) (Taught Master)

**Type of programme:** Master's degree

**Start date:** 01/10/2015

**End date:** 30/09/2016

**Entity:** University of Oxford (UK)

**97 Type of teaching:** International teaching

**Name of the course:** Essential Cellular and Molecular Biology (MSc in Clinical Embryology, 2 h) (Taught Master)

**Type of programme:** Master's degree

**Start date:** 01/10/2014

**End date:** 30/09/2015

**Entity:** University of Oxford (UK)

**98 Type of teaching:** International teaching

**Name of the course:** Laboratory Methods and Practical Skills (MSc in Clinical Embryology, 8 h) (Taught Master)

**Type of programme:** Master's degree

**Start date:** 01/10/2014

**End date:** 30/09/2015

**Entity:** University of Oxford (UK)

**99 Type of teaching:** International teaching

**Name of the course:** Assisted Reproductive Technology (MSc in Clinical Embryology, 16 h) (Taught Master)

**Type of programme:** Master's degree

**Start date:** 01/10/2014

**End date:** 30/09/2015

**Entity:** University of Oxford (UK)

**100 Type of teaching:** Official teaching

**Name of the course:** Integrated Scientific Skills III (BSc in Biology; Compulsory, 18.5 h)

**Type of programme:** Teaching in grade

**Start date:** 27/01/2014

**End date:** 31/03/2014

**Entity:** Universitat de Girona

**101 Type of teaching:** Official teaching

**Name of the course:** Integrated Scientific Skills III (BSc in Biotechnology; Compulsory, 13.5 h)

**Type of programme:** Teaching in grade

**Start date:** 27/01/2014

**End date:** 31/03/2014



**Entity:** Universitat de Girona

- 102 Type of teaching:** Official teaching  
**Name of the course:** Practical Module in Citology and Histology, Microbiology and Genetics (BSc in Biotechnology; Compulsory, 9 h)  
**Type of programme:** Teaching in grade  
**Start date:** 27/01/2014  
**End date:** 31/03/2014  
**Entity:** Universitat de Girona
- 103 Type of teaching:** Official teaching  
**Name of the course:** Practical Module (MSc in Molecular Biology and Biomedicine; Compulsory, 3 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 27/01/2014  
**End date:** 31/03/2014  
**Entity:** Universitat de Girona
- 104 Type of teaching:** Official teaching  
**Name of the course:** Animal Reproduction (DVM Degree; Compulsory, 44.6 h)  
**Type of programme:** Teaching in grade  
**Start date:** 15/09/2013  
**End date:** 31/12/2013  
**Entity:** Universitat Autònoma de Barcelona
- 105 Type of teaching:** International teaching  
**Name of the course:** The sperm in the oviduct: sperm reservoir and capacitation (Veterinary Sciences; 3 h)  
**Type of programme:** Graduate Courses - Taught  
**Start date:** 23/07/2013  
**End date:** 23/07/2013  
**Entity:** Federal University of Lavras (UFLA, Brasil)
- 106 Type of teaching:** Unofficial teaching  
**Name of the course:** Argó Scheme (Faculty of Veterinary Medicine; 15 h)  
**Type of programme:** Courses and Seminars - Taught  
**Start date:** 01/06/2013  
**End date:** 30/09/2013  
**Entity:** Universitat Autònoma de Barcelona
- 107 Type of teaching:** Official teaching  
**Name of the course:** Animal Reproduction (DVM Degree; Compulsory, 58.3 h)  
**Type of programme:** Teaching in grade  
**Start date:** 15/09/2012  
**End date:** 30/06/2013  
**Entity:** Universitat Autònoma de Barcelona
- 108 Type of teaching:** Official teaching  
**Name of the course:** Animal Reproduction (DVM Degree; Compulsory, 49.5 h)  
**Type of programme:** Teaching in grade  
**Start date:** 15/09/2011  
**End date:** 30/06/2012



**Entity:** Universitat Autònoma de Barcelona

- 109 Type of teaching:** Official teaching  
**Name of the course:** Reproductive Technology and Physiology of Obstetrics (DVM Degree; Compulsory, 37.5 h)  
**Type of programme:** Teaching in first cycle  
**Start date:** 01/01/2011  
**End date:** 30/06/2011  
**Entity:** Universitat Autònoma de Barcelona
- 110 Type of teaching:** Official teaching  
**Name of the course:** Morphology, Structure and Function of the Human Body 1 (MD Degree; Compulsory, 77.5 h)  
**Type of programme:** Teaching in grade  
**Start date:** 15/09/2010  
**End date:** 31/12/2010  
**Entity:** Universitat de Girona
- 111 Type of teaching:** Official teaching  
**Name of the course:** Microscopy (BSc in Biology; Compulsory, 75 h)  
**Type of programme:** Teaching in second cycle  
**Start date:** 15/09/2010  
**End date:** 31/12/2010  
**Entity:** Universitat de Girona
- 112 Type of teaching:** Official teaching  
**Name of the course:** Scientific dissemination and exploitation of research results (MSc in Food Biotechnology; Optional, 10 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 15/09/2010  
**End date:** 31/12/2010  
**Entity:** Universitat de Girona
- 113 Type of teaching:** Official teaching  
**Name of the course:** Cell Structure and Function (MSc in Molecular Biology and Biomedicine; Compulsory, 17.5 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 15/09/2010  
**End date:** 31/12/2010  
**Entity:** Universitat de Girona
- 114 Type of teaching:** Official teaching  
**Name of the course:** Integrated Scientific Skills III (BSc in Biology; Compulsory, 30 h)  
**Type of programme:** Teaching in grade  
**Start date:** 15/09/2009  
**End date:** 30/06/2010  
**Entity:** Universitat de Girona
- 115 Type of teaching:** Official teaching  
**Name of the course:** Laws, Bioethics and Exploitation of Results (MSc in Food Biotechnology; Optional, 6 h) (Taught Master)  
**Type of programme:** Master's degree  
**Start date:** 15/09/2009

**End date:** 30/06/2010  
**Entity:** Universitat de Girona

- 116** **Type of teaching:** Official teaching  
**Name of the course:** Morphology, Structure and Function of the Human Body 1 (MD Degree; Compulsory, 92.5 h)  
**Type of programme:** Teaching in grade  
**Start date:** 15/09/2009  
**End date:** 28/02/2010  
**Entity:** Universitat de Girona
- 117** **Type of teaching:** Official teaching  
**Name of the course:** Microscopy (BSc in Biology; Compulsory, 57.5 h)  
**Type of programme:** Teaching in second cycle  
**Start date:** 15/09/2009  
**End date:** 28/02/2010  
**Entity:** Universitat de Girona
- 118** **Type of teaching:** Official teaching  
**Name of the course:** Microscopy (BSc in Biology; Obligatory, 30 h)  
**Type of programme:** Teaching in second cycle  
**Start date:** 15/09/2008  
**End date:** 28/02/2009  
**Entity:** Universitat de Girona

## Experience supervising doctoral thesis and/or final year projects

- 1** **Project title:** Physiological role of sperm and seminal plasma proteins along the female reproductive tract in livestock  
**Type of project:** Ph.D. Thesis  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Recuero Cobos, S.  
**Obtained qualification:** \*\*Excel-lent cum laude  
**Date of reading:** 2022
- 2** **Project title:** Pràctiques al Centre de Recerca TechnoSperm  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Oms Gracia, L.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2022
- 3** **Project title:** Male infertility due to obesity: the role of leptin and cytokines in the hypothalamus-pituitary-gonadal (HPG) axis  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Ausió Cendra, J.  
**Obtained qualification:** \*\*Notable

**Date of reading:** 2022

- 4** **Project title:** Cervical cancer: a systematic review  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Delgado Soler, D.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2022
- 5** **Project title:** Relevancia de los antioxidantes en la regulación de las especies reactivas de oxígeno (ROS) en el semen de burro y caballo  
**Type of project:** International Ph.D.  
**Entity:** Universitat Autònoma de Barcelona  
**City of entity:** Spain  
**Student:** Yáñez Ortiz, I.  
**Obtained qualification:** \*\*Excel·lent cum laude  
**Date of reading:** 2022
- 6** **Project title:** Physiological role of mitochondrial and plasma membrane channels in sperm  
**Type of project:** International Ph.D.  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Delgado Bermúdez, A.  
**Obtained qualification:** \*\*Excel·lent cum laude  
**Date of reading:** 2022
- 7** **Project title:**  $\gamma$ -H2AX can be related to fertility and sperm function in human and bovine sperm  
**Type of project:** Master's Thesis  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Hernández Melià, M.  
**Obtained qualification:** \*\*Notable  
**Date of reading:** 2022
- 8** **Project title:** Mòdul Pràctic Màster  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Hernández Melià, M.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2022
- 9** **Project title:** Bundle formation of sperm: influence of biological factors  
**Type of project:** Final Project Degree  
**Entity:** Institut de Bioenginyeria de Catalunya (IBEC) - Universitat de Girona  
**City of entity:** Spain  
**Student:** Morcillo i Soler, P.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2022

- 10** **Project title:** L'endometriosi i les seves causes  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Tajjiou, Z.  
**Obtained qualification:** \*\*Notable  
**Date of reading:** 2022
- 11** **Project title:** Effect of mitochondrial transcription on sperm physiology and metabolism  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Rallo Pita, M.J.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2022
- 12** **Project title:** Pràctiques en empreses i institucions  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** González Torrent, I.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2022
- 13** **Project title:** Applying a sequential approach in order to detect and interpret a possible increased rate of Myeloid Malignancies in the Girona Province  
**Type of project:** Ph.D. Thesis  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Bitchatchi Agay, E.Y.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2021
- 14** **Project title:** Molecular mechanisms involved in sperm-oocyte interaction and oocyte activation. Infertility associated with the dysfunction of these mechanisms  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Tarrés Gómez, M.  
**Obtained qualification:** \*\*Notable  
**Date of reading:** 2021
- 15** **Project title:** Efectos de la fotoestimulación en el semen de burro y caballo  
**Type of project:** International Ph.D.  
**Entity:** Universitat Autònoma de Barcelona  
**City of entity:** Spain  
**Student:** Catalán Bahamondes, J.  
**Obtained qualification:** \*\*Excel·lent cum laude i Premi Extraordinari  
**Date of reading:** 2021





- 16** **Project title:** Na<sup>+</sup>/H<sup>+</sup> exchanger (NHE) and its implication in pig sperm in vitro capacitation and acrosome reaction triggered by progesterone  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Cassú Ortega, C.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2021
- 17** **Project title:** Improvement of sperm cryopreservation by supplementation of the medium with antioxidants: a systematic review  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Muñoz Navarro, C.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2021
- 18** **Project title:** Exploring GSTM3 as a biomarker of sperm quality and in vivo fertility in bulls  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Garriga Font, F.  
**Obtained qualification:** \*\*Matrícula d'honor  
**Date of reading:** 2021
- 19** **Project title:** Identificació de biomarcadors de fertilitat en el semen d'espècies d'interès productiu: una revisió sistemàtica del diagnòstic de la subfertilitat mitjançant -OMIQUES  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Costa Rodríguez, A.  
**Obtained qualification:** \*\*Notable  
**Date of reading:** 2021
- 20** **Project title:** The sodium-proton exchanger channel (NHE) and its impact on sperm capacitation in vitro and acrosome reaction induced by progesterone  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Lleida  
**City of entity:** Spain  
**Student:** Ivars Rodríguez, M.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2021
- 21** **Project title:** Mòdul Pràctic Màster  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Rodríguez Campos, C.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2021

- 22** **Project title:** Mòdul Pràctic Màster  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Albardener Torras, M.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2021
- 23** **Project title:** Characterization of the Na<sup>+</sup>/H<sup>+</sup> exchange during in vitro capacitation and progesterone-induced acrosome reaction in pig sperm  
**Type of project:** Master's Thesis  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Albardener Torras, M.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2021
- 24** **Project title:** Estudi de la relació entre la histona γ-H2AX en espermatozoides i els avortaments de repetició  
**Type of project:** Master's Thesis  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Rodríguez Campos, C.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2021
- 25** **Project title:** Pràctiques al Centre de Recerca TechnoSperm  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Sánchez Padilla, L.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2020
- 26** **Project title:** Pràctiques al Centre de Recerca TechnoSperm  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Martínez Santanach, M.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2020
- 27** **Project title:** Estudi de la funció mitocondrial i la producció de ROS i RNS durant la capacitació espermàtica  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Ramírez Mateo, P.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2020



- 28** **Project title:** DJ-1 protein as a potential predictive biomarker of boar fertilizing capacity  
**Type of project:** Master's Thesis  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Trias Alguacil, M.M.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2020
- 29** **Project title:** Funció de la NETosi espermàtica com a mecanisme regulador de la reacció inflamatòria a l'aparell reproductor femení  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Parkinson Murillo, S.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2020
- 30** **Project title:** Impacte de les tècniques de reproducció assistida (ART; ICSI i FIV) en models animals i a l'espècie humana sobre el transcriptoma i l'epigenoma embrionaris  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Morillas Arcas, G.  
**Obtained qualification:** \*\*Notable  
**Date of reading:** 2020
- 31** **Project title:** Variation in the musculoskeletal system of Anolis lizards  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Santiago Tardío, S.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2020
- 32** **Project title:** Pràctiques al Centre de Recerca TechnoSperm  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Parkinson Murillo, S.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2020
- 33** **Project title:** Ruolo dei canali del potassio calcio-dipendenti nella capacitazione seminale del verro  
**Type of project:** Master's Thesis  
**Entity:** Università degli Studi di Teramo  
**City of entity:** Italy  
**Student:** Saporito, B.  
**Obtained qualification:** \*\*Excel·lent cum laude  
**Date of reading:** 2020



- 34** **Project title:** Involvement of aquaporins during capacitation of mammalian spermatozoa  
**Type of project:** Master's Thesis  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Sandu, A.T.  
**Obtained qualification:** \*\*Matrícula d'honor  
**Date of reading:** 2020
- 35** **Project title:** Origin, structure and function of the secreted extracellular vesicles from male and female reproductive systems on gametes and embryos  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Rodríguez Millán, J.  
**Obtained qualification:** \*\*Notable  
**Date of reading:** 2020
- 36** **Project title:** Pràctiques al Centre de Recerca TechnoSperm  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Ferreres Riembau, E.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2020
- 37** **Project title:** Mòdul Pràctic Màster  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Sandu, A.T.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2020
- 38** **Project title:** Alteraciones microestructurales en la conectividad cerebral durante la fase temprana de la abstinencia al alcohol  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Trouvé Carpena, A.  
**Obtained qualification:** \*\*Notable  
**Date of reading:** 2019
- 39** **Project title:** Ferroptosis and the pro-inflammatory activation of microglia  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Mariño Clar, M.  
**Obtained qualification:** \*\*Notable  
**Date of reading:** 2019



- 40** **Project title:** Estudi del possible rol del sulfur d'hidrogen en la primera fase de la diferenciació adipocitària en la línia cel·lular 3T3-L1  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Costa Domínguez, C.  
**Obtained qualification:** \*\*Notable  
**Date of reading:** 2019
- 41** **Project title:** Effects of bovine serum albumin (BSA) and bicarbonate on the achievement of in vitro capacitation and subsequent progesterone-induced acrosome reaction in boar spermatozoa  
**Type of project:** International Ph.D.  
**Entity:** Universidade Federal de Lavras  
**City of entity:** Brazil  
**Student:** Resende Chaves, B.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2019
- 42** **Project title:** Mòdul Pràctic (Màster en Biologia Molecular i Biomedicina)  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Trias Alguacil, M.M.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2019
- 43** **Project title:** Treball de Transferència corresponent a les beques de Transferència i Innovació de la Universitat de Girona  
**Type of project:** Other Research work  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Llavanera Bruguera, M.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2019
- 44** **Project title:** Pràctiques al Centre de Recerca TechnoSperm  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Romeu Caudet, X.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2019
- 45** **Project title:** Role of Glutathione S-transferases (GSTs) in the physiology of liquid-stored boar sperm  
**Type of project:** Master's Thesis  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Llavanera Bruguera, M.  
**Obtained qualification:** \*\*Matrícula d'honor  
**Date of reading:** 2019



- 46** **Project title:** Assajos fisicoquímics i microbiològics en aigües i aliments al CECAM  
**Type of project:** Master's Thesis  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Ribas Pérez, I.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2019
- 47** **Project title:** Rellevància de les Glutatió S-Transferases durant la refrigeració de l'esperma porcí  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Olives Herranz, S.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2019
- 48** **Project title:** Identificación, localización y función de las acuaporinas en el espermatozoide equino y su relación con la criopreservación  
**Type of project:** International Ph.D.  
**Entity:** Universitat Autònoma de Barcelona  
**City of entity:** Spain  
**Student:** Bonilla Correal, S.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2019
- 49** **Project title:** How does seminal plasma protect mammalian spermatozoa? Species-linked variations within the genus Equus  
**Type of project:** International Ph.D.  
**Entity:** Universitat Autònoma de Barcelona  
**City of entity:** Spain  
**Student:** Papas, M.  
**Obtained qualification:** \*\*Excel·lent cum laude i Premi Extraordinari  
**Date of reading:** 2019
- 50** **Project title:** Presence and function of AQPs in mammalian spermatozoa  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Fernández Bastit, L.  
**Obtained qualification:** \*\*Matrícula d'honor  
**Date of reading:** 2018
- 51** **Project title:** Effects of cryopreservation upon fertility-related proteins in boar sperm  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Llavanera Bruguera, M.  
**Obtained qualification:** \*\*Matrícula d'honor  
**Date of reading:** 2018



- 52** **Project title:** Efectes de l'estimulació amb llum vermella sobre la resposta de l'espermatozoide a la capacitació i la reacció acrosòmica induïda per la progesterona  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Gil Prat, L.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2018
- 53** **Project title:** Efectes de la fotoestimulació sobre la qualitat espermàtica del semen porcí congelat/descongelat  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Ferraro González, A.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2018
- 54** **Project title:** L'espermatozoide porcí i el transportador de membrana SLC2A3: relació amb la funcionalitat espermàtica i la criotolerància  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** García León, V.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2018
- 55** **Project title:** Avaluació de la presència d'AQPs a l'espermatozoide de gos  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Santiago Sotoca, C.  
**Obtained qualification:** \*\*Notable  
**Date of reading:** 2018
- 56** **Project title:** Investigations into the function of aquaporins and transmembrane protein 95 in mammalian sperm  
**Type of project:** Master's Thesis  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Delgado Bermúdez, A.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2018
- 57** **Project title:** Efectos de la fotoestimulación sobre la calidad espermática del semen porcino congelado/descongelado  
**Type of project:** Master's Thesis  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Medina Pezoa, L.  
**Obtained qualification:** \*\*Notable  
**Date of reading:** 2018



- 58** **Project title:** Influência do plasma seminal oriundo de fração rica do ejaculado sobre a capacitação e hiperativação espermática em sêmen suíno conservado sob refrigeração à 17°C  
**Type of project:** Master's Thesis  
**Entity:** Universidade de São Paulo  
**City of entity:** Brazil  
**Student:** Pinoti Pavaneli, A.P.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2018
- 59** **Project title:** Mòdul Pràctic (Màster de Biologia Molecular i Biomedicina)  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** López Ortiz, J.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2018
- 60** **Project title:** Pràctiques Grup Recerca TechnoSperm  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Abellán Pérez, S.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2018
- 61** **Project title:** Criotolerância de oócitos suínos maturados in vitro na presença de IGF-I e vitrificados com glutatona reduzida  
**Type of project:** International Ph.D.  
**Entity:** Universidade Federal de Lavras  
**City of entity:** Brazil  
**Student:** Azevedo Pereira, B.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2018
- 62** **Project title:** Treball de Transferència corresponent a les beques de Transferència i Innovació de la Universitat de Girona  
**Type of project:** Other Research work  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Delgado Bermúdez, A.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2018
- 63** **Project title:** Effects of photo-stimulation upon the quality of frozen-thawed boar spermatozoa  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Garrido Bleda, N.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2017





- 64** **Project title:** Efectes de la fotoestimulació sobre la qualitat espermàtica del semen boví congelat/descongelat  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Medina Pezoa, L.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2017
- 65** **Project title:** Voltage-Dependent Anion Channel 2 (VDAC2) and its implication in boar spermatozoa capacitation in vitro and acrosome reaction induced by progesterone  
**Type of project:** Final Project Degree  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Martínez Abad, S.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2017
- 66** **Project title:** Estudio de los efectos de la concentración de bicarbonato sobre la capacitación in Vitro y la reacción acrosómica inducida con progesterona del espermatozoide porcino  
**Type of project:** Master's Thesis  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Íñiguez, H.  
**Obtained qualification:** \*\*Notable  
**Date of reading:** 2017
- 67** **Project title:** First observation of aquaporins in stallion sperm and its relationship with cryopreservation  
**Type of project:** Master's Thesis  
**Entity:** Università degli Studi di Teramo  
**City of entity:** Italy  
**Student:** Noto, F.  
**Obtained qualification:** \*\*Excel·lent cum laude  
**Date of reading:** 2017
- 68** **Project title:** Effects of photostimulation of pig oocytes on their in vitro maturation, fertilisation and embryo development  
**Type of project:** Master's Thesis  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Barceló, A.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2017
- 69** **Project title:** Pràctiques extracurriculars al Centre TechnoSperm  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Del Valle, I.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2017



- 70** **Project title:** Pràctiques de laboratori al Centre TechnoSperm  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Viñolas, E.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2017
- 71** **Project title:** Pràctiques extracurriculars al Centre TechnoSperm  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Solés Tarrés, I.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2017
- 72** **Project title:** Pràctiques al Centre de Recerca TechnoSperm  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Medina Pezoa, L.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2017
- 73** **Project title:** Pràctiques al Centre de Recerca TechnoSperm  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Garrido Bleda, N.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2017
- 74** **Project title:** Aquaporins in boar and bull spermatozoa: identification and functional implications  
**Type of project:** International Ph.D.  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Prieto-Martínez, N.  
**Obtained qualification:** \*\*Excel·lent cum laude i Premi Extraordinari  
**Date of reading:** 2017
- 75** **Project title:** Pràctiques al Centre de Recerca TechnoSperm  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Gil Prat, L.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2017
- 76** **Project title:** Freezability markers for boar sperm: new proteomic approaches (Marcadors de congelació per l'esperma de porcí: noves aproximacions proteòmiques)  
**Type of project:** Ph.D. Thesis

**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Vilagran, I.  
**Obtained qualification:** \*\*Excel·lent cum laude  
**Date of reading:** 2016

**77** **Project title:** Aquaporins as freezability markers for boar spermatozoa  
**Type of project:** Master's Thesis  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Mateo Sendino, E.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2016

**78** **Project title:** Effect of peptides SGI29, PBD1 and PBD2 to the sperm quality and the bacterial growth in refrigerated porcine seminal doses  
**Type of project:** Master's Thesis  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Puig Timonet, A.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2016

**79** **Project title:** Pràctiques al Centre de Biotecnologia de la Reproducció Animal i Humana (TechnoSperm)  
**Type of project:** Practicum  
**Entity:** Universitat de Barcelona  
**City of entity:** Spain  
**Student:** Quintanas Yasni, J.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2016

**80** **Project title:** Pràctiques al Centre de Biotecnologia de la Reproducció Animal i Humana (TechnoSperm)  
**Type of project:** Practicum  
**Entity:** Universitat de Girona; Universitat Autònoma de Barcelona  
**City of entity:** Spain  
**Student:** Delgado Bermúdez, A.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2016

**81** **Project title:** Pràctiques al Centre de Biotecnologia de la Reproducció Animal i Humana (TechnoSperm)  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Martínez Abad, S.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2016

**82** **Project title:** Treball de Transferència corresponent a les beques de Transferència i Innovació de la Universitat de Girona  
**Type of project:** Other Research work  
**Entity:** Universitat de Girona

**City of entity:** Spain  
**Student:** Puig Timonet, A.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2016

**83 Project title:** Identification of oocyte factor/s that interact with sperm postacrosomal protein (PAWP)

**Type of project:** Master's Thesis  
**Entity:** University of Oxford  
**City of entity:** United Kingdom  
**Student:** Papaloilogou, E.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2015

**84 Project title:** Do epithelial cells from both reproductive and non-reproductive systems share the capacity to prolong the viability of bound spermatozoa?

**Type of project:** Master's Thesis  
**Entity:** University of Oxford  
**City of entity:** United Kingdom  
**Student:** El-Shakeih, R.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2015

**85 Project title:** Efectos del glutatión reducido y la procaína en la resistencia a la criopreservación de semen porcino. Acciones a nivel de la estabilidad nuclear y su efecto en la fertilidad 'in vivo'

**Type of project:** Ph.D. Thesis  
**Entity:** Universitat Autònoma de Barcelona  
**City of entity:** Spain  
**Student:** Estrada Paqui, E.  
**Obtained qualification:** \*\*Excel-lent cum laude  
**Date of reading:** 2014

**86 Project title:** Vitrification of in vitro produced porcine blastocysts: the effects of culture medium and antioxidants

**Type of project:** Ph.D. Thesis  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Castillo-Martín, M.  
**Obtained qualification:** \*\*Excel-lent cum laude  
**Date of reading:** 2014

**87 Project title:** Investigations into the Oocyte Factor that interacts with phospholipase C Zeta (PLC $\zeta$ ) and genetic screening of its proposed binding site in the XY-linker region

**Type of project:** Master's Thesis  
**Entity:** University of Oxford  
**City of entity:** United Kingdom  
**Student:** Gemmel, L.  
**Obtained qualification:** \*\*Matrícula d'honor  
**Date of reading:** 2014

**88 Project title:** Cryotolerance of stallion sperm is related to ROS production and mitochondrial membrane potential rather than to the integrity of sperm nucleus

**Type of project:** Master's Thesis

**Entity:** Universitat Autònoma de Barcelona  
**City of entity:** Spain  
**Student:** Marín, H.  
**Obtained qualification:** \*\*Notable  
**Date of reading:** 2014

**89 Project title:** Treball de Transferència corresponent a les beques de Transferència i Innovació de la Universitat de Girona

**Type of project:** Other Research work  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Subirats, J.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2011

**90 Project title:** Treball de Transferència corresponent a les beques de Transferència i Innovació de la Universitat de Girona

**Type of project:** Other Research work  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Sepúlveda, L.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2011

**91 Project title:** Paper del Glutatió reduït en l'estabilització de l'estructura nucleoproteínica de l'esperma criopreservat de porcí

**Type of project:** Master's Thesis  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Loaisa, A.  
**Obtained qualification:** \*\*Notable  
**Date of reading:** 2011

**92 Project title:** Efecte del fotoperíode i la refrigeració sobre la qualitat espermàtica de dosis seminals de mascles reproductors

**Type of project:** Master's Thesis  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Parareda Pujolràs, A.  
**Obtained qualification:** \*\*Excel·lent  
**Date of reading:** 2011

**93 Project title:** Treball de Transferència corresponent a les beques de Transferència i Innovació de la Universitat de Girona

**Type of project:** Other Research work  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Alcalde, M.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2010



- 94** **Project title:** Treball de Transferència corresponent a les beques de Transferència i Innovació de la Universitat de Girona  
**Type of project:** Other Research work  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Grima, J.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2010
- 95** **Project title:** Estudi de la coincidència d'espermatozoides normals i anormals en porcí amb fragments d'epidídim i cèl·lules epitelials epididimàries i oviductals  
**Type of project:** Master's Thesis  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Castillo-Martín, M.  
**Obtained qualification:** \*\*Matrícula d'honor  
**Date of reading:** 2010
- 96** **Project title:** Avaluació de la qualitat espermàtica de mascles reproductors porcins mitjançant citometria de flux  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Pelechano, E.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2010
- 97** **Project title:** Motilitat espermàtica i altres paràmetres rellevants en l'avaluació de les ejaculacions porcines  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Griñó Pere, M.S.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2010
- 98** **Project title:** Noves tècniques d'anàlisi de la qualitat espermàtica en mascles reproductors porcins  
**Type of project:** Practicum  
**Entity:** Universitat de Girona; Universitat Autònoma de Barcelona  
**City of entity:** Spain  
**Student:** Arroyo, L.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2010
- 99** **Project title:** Pràctiques al Centre de Recerca TechnoSperm  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Subirats Medina, J.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2010



- 100** **Project title:** Pràctiques al Centre de Recerca TechnoSperm  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Sepúlveda Muela, L.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2010
- 101** **Project title:** Pràctiques integrades als laboratoris de TechnoSperm  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Salas Huetos, A.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2009
- 102** **Project title:** Introducció a l'ús i a les tècniques d'avaluació de la qualitat espermàtica  
**Type of project:** Practicum  
**Entity:** Universitat de Girona  
**City of entity:** Spain  
**Student:** Castillo-Martín, M.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2009
- 103** **Project title:** Pràcticum al Centre TechnoSperm de la Universitat de Girona  
**Type of project:** Practicum  
**Entity:** Universitat de Girona; Universitat Autònoma de Barcelona  
**City of entity:** Spain  
**Student:** Balmañá, M.  
**Obtained qualification:** \*\*Apte  
**Date of reading:** 2009

## Educational or pedagogical publications, books, articles, etc.

- 1** Antoni Benito; Sílvia Barrabés; Elisabet Kádár; Anna Massaguer; Maria Inés Roldán; Maria Vilanova; Jordi Viñas; Marc Yeste. (Spain): Universitat de Girona, 2012. ISBN 978-84-8458-391-2  
**Legal deposit:** GI.785-2012  
**Name of the materials:** Aproximació a la docència de Bioquímica, Biologia Cel·lular i Genètica emprant la metodologia basada en problemes  
**Date of drafting:** 2012
- 2** Barrabés, S.; Doncel, M.; Pérez-Garay, M.; Quintana, X.; Sánchez, N.; Serra, O.; Yeste, M.. pp. 137. (Spain): Universitat de Girona. Servei de Publicacions, 2011. Available on-line at: <> [http://www3.udg.edu/publicacions/vell/electronicques/Introduccio\\_al\\_Disseny\\_Experimental\\_practiques/index.htm](http://www3.udg.edu/publicacions/vell/electronicques/Introduccio_al_Disseny_Experimental_practiques/index.htm)>. ISBN 978-84-8458-338-7  
**Legal deposit:** GI.29-2011  
**Name of the materials:** Introducció al disseny experimental: Pràctiques de laboratori i de camp per a biòlegs  
**Date of drafting:** 2011



- 3** Yeste, M.. Introducció al disseny experimental: Pràctiques de laboratori i de camp per a biòlegs. pp. 5 - 26. (Spain): Universitat de Girona, 2010. ISBN 978-84-8458-338-7  
**Name of the materials:** Mètode científic i disseny experimental  
**Date of drafting:** 2010
- 4** Sánchez, N.; Doncel, M.; Pérez-Garay, M.; Yeste, M.; Quintana, X.. Introducció al disseny experimental: Pràctiques de laboratori i de camp per a biòlegs. (Spain): Universitat de Girona, 2010. ISBN 978-84-8458-338-7  
**Name of the materials:** Estudi Observacional o Mesuratiu  
**Date of drafting:** 2010

## Participation in innovative teaching projects

- 1** **Project title:** Introducció de la metodologia d'aprenentatge basat en problemes (ABP) en un estudi de màster  
**City of entity:** 17071 - Girona, Spain  
**Type of participation:** Principal investigator  
**Time of working relationship:** For an undetermined time  
**Name of the main researcher:** Marc Yeste Oliveras; Elisabeth Pinart Nadal  
**Number of participants:** 7  
**Amount awarded:** 4.225 €  
**Funding entity:** Universitat de Girona (UdG) **Type of entity:** University  
**Participating entity/entities:** Universitat de Girona (UdG) **Type of entity:** University  
**Type of call:** Competitive  
**Start-End date:** 01/09/2017 - 31/08/2019 **Duration:** 2 years
- 2** **Project title:** Ajuts per donar suport a la publicació de materials docents (Conv. 2011): Elaboració d'un conjunt de problemes adaptats a l'aprenentatge ABP i taller de casos, i una proposta de pràctiques de laboratori associades  
**City of entity:** 17071 - Girona, Spain  
**Type of participation:** Team member  
**Time of working relationship:** For an undetermined time  
**Name of the main researcher:** Antoni Benito Mundet  
**Number of participants:** 7  
**Amount awarded:** 800 €  
**Funding entity:** Universitat de Girona (UdG) **Type of entity:** University  
**Participating entity/entities:** Universitat de Girona (UdG) **Type of entity:** University  
**Type of call:** Competitive  
**Start-End date:** 01/07/2011 - 30/06/2012 **Duration:** 1 year
- 3** **Project title:** Ajuts per donar suport a la publicació de materials docents (Conv. 2010): Guió de l'estudiant per cursar l'assignatura Tècniques Científiques Integrades III per a biòlegs  
**City of entity:** 17071 - Girona, Spain  
**Type of participation:** Team member  
**Time of working relationship:** For an undetermined time  
**Name of the main researcher:** Noemí Sánchez Ruiz  
**Number of participants:** 7  
**Amount awarded:** 800 €  
**Funding entity:** Universitat de Girona (UdG) **Type of entity:** University  
**Participating entity/entities:**



Universitat de Girona (UdG)

**Type of entity:** University

**Type of call:** Competitive

**Start-End date:** 01/07/2010 - 30/06/2011

**Duration:** 1 year

## Participation in conferences with talks focused on teacher training

**1 Name of the event:** First International Congress of Education in Animal Sciences (ICEAS)

**Type of event:** Conference

**Type of participation:** 'Participatory - poster

**City of event:** Évora, Portugal

**Date of presentation:** 2019

**Organising entity:** International Congress of Education in Animal Sciences (ICEAS) **Type of entity:** \*\*Universitat

Increasing interest in the academic research career path in BSc in Biology students.

**2 Name of the event:** First International Congress of Education in Animal Sciences (ICEAS)

**Type of event:** Conference

**Type of participation:** 'Participatory - poster

**City of event:** Évora, Portugal

**Date of presentation:** 2019

**Organising entity:** International Congress of Education in Animal Sciences (ICEAS) **Type of entity:** \*\*Universitat

Implementing problem-based learning in one module of a Master Course in Molecular Biology and Biomedicine: Satisfaction of students.

**3 Name of the event:** First International Congress of Education in Animal Sciences (ICEAS)

**Type of event:** Conference

**Type of participation:** 'Participatory - poster

**City of event:** Évora, Portugal

**Date of presentation:** 2019

**Organising entity:** International Congress of Education in Animal Sciences (ICEAS) **Type of entity:** \*\*Universitat

Increase in student satisfaction and comprehension after implementation of hands-on practicals in a reproduction and development module.

**4 Name of the event:** Segones jornades sobre l'ensenyament de la química a Catalunya. Ensenyament de la Química, de la Innovació a la Indústria

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**City of event:** Barcelona, Spain

**Date of presentation:** 2013

**Organising entity:** Col·legi Oficial de Químics de Catalunya

**Type of entity:** \*\*Col·legis Professionals

El mètode científic i el procediment experimental en química.

## Other activities/achievements not included above

- 1** **Description of the activity:** Other teaching merits: Supervision of Postdoctoral researchers. Researcher: Dr. Maria Lorena Concepción Padilla García. Funding: Margarita Salas Scheme (University of Murcia; Ministry of Science and Innovation, Spain)  
**Organising entity:** University of Girona  
**End date:** 31/12/2023
- 2** **Description of the activity:** Other teaching activities (course coordinator, etc.): Person-in-charge of 'Introduction to professionalization' subject (BSc in Biology, BSc in Biotechnology and BSc in Environmental Sciences, 2021-2022)  
**Organising entity:** Universitat de Girona  
**End date:** 14/09/2022
- 3** **Description of the activity:** Other teaching activities (course coordinator, etc.): Person-in-charge of 'Food Biotechnology' subject (BSc in Biotechnology, 2021-2022)  
**Organising entity:** Universitat de Girona  
**End date:** 30/06/2022
- 4** **Description of the activity:** Other teaching activities (course coordinator, etc.): Person-in-charge of 'Therapeutic strategies for clinical use' subject (MSc in Molecular Biology and Biomedicine, 2021-2022)  
**Organising entity:** Universitat de Girona  
**End date:** 30/06/2022
- 5** **Description of the activity:** Other teaching merits: Tutoring of Master students (MSc in Clinical Embryology; Nuffield Department of Women's & Reproductive Health, University of Oxford). Student: Pauline Balder  
**Organising entity:** University of Oxford (UK)  
**End date:** 31/05/2022
- 6** **Description of the activity:** Other teaching activities (course coordinator, etc.): Person-in-charge of 'Introduction to professionalization' subject (BSc in Biology, BSc in Biotechnology and BSc in Environmental Sciences, 2020-2021)  
**Organising entity:** Universitat de Girona  
**End date:** 14/09/2021
- 7** **Description of the activity:** Other teaching activities (course coordinator, etc.): Person-in-charge of 'Food safety and traceability' subject (Master Course in Food Biotechnology, 2020-2021)  
**Organising entity:** Universitat de Girona  
**End date:** 14/09/2021
- 8** **Description of the activity:** Other teaching merits: Tutoring of Master students (MSc in Clinical Embryology; Nuffield Department of Women's & Reproductive Health, University of Oxford). Student: Rajwa Mecca  
**Organising entity:** University of Oxford (UK)  
**End date:** 31/05/2021
- 9** **Description of the activity:** Other teaching merits: Tutoring of Master students (MSc in Clinical Embryology; Nuffield Department of Women's & Reproductive Health, University of Oxford). Student: Montserrat Vallet Buisan  
**Organising entity:** University of Oxford (UK)  
**End date:** 31/05/2021

- 10 Description of the activity:** Other teaching merits: Supervision of Postdoctoral researchers. Researcher: Dr. Isabel Barranco Cascales. Funding: Juan de la Cierva-Formación Scheme (Ministry of Science, Innovation and Universities, Spain)  
**Organising entity:** University of Girona  
**End date:** 30/11/2020
- 11 Description of the activity:** Other teaching merits: Supervision of Guest PhD students. Student: Tania García Martínez. University of origin: Autonomous University of Barcelona (Spain)  
**Organising entity:** University of Girona  
**End date:** 30/09/2020
- 12 Description of the activity:** Other teaching merits: Supervision of Guest PhD students. Student: Iris Martínez Rodero. University of origin: Autonomous University of Barcelona (Spain)  
**Organising entity:** University of Girona  
**End date:** 30/09/2020
- 13 Description of the activity:** Other teaching activities (course coordinator, etc.): Person-in-charge of 'Cell Structure and Function' subject (Master Course in Molecular Biology and Biomedicine, 2019-2020)  
**Organising entity:** University of Girona  
**End date:** 14/09/2020
- 14 Description of the activity:** Other teaching activities (course coordinator, etc.): Person-in-charge of 'Introduction to professionalization' subject (BSc in Biology, BSc in Biotechnology and BSc in Environmental Sciences, 2019-2020)  
**Organising entity:** Universitat de Girona  
**End date:** 14/09/2020
- 15 Description of the activity:** Other teaching merits: Supervision of Postdoctoral researchers. Researcher: Dr. Beatriz Fernández Fuertes. Funding: H2020-MSCA (Research Executive Agency, European Commission)  
**Organising entity:** University of Girona  
**End date:** 31/08/2020
- 16 Description of the activity:** Other teaching merits: Supervision of Guest Post-doctoral Researchers. Student: Alina Ordóñez León. University of origin: Autonomous University of Barcelona  
**Organising entity:** University of Girona  
**End date:** 28/02/2020
- 17 Description of the activity:** Other teaching merits: Supervision of Guest Post-doctoral Researchers. Student: Fabiola Zambrano Quezada. University of origin: University of La Frontera (Chile)  
**Organising entity:** University of Girona  
**End date:** 30/10/2019
- 18 Description of the activity:** Other teaching activities (course coordinator, etc.): Person-in-charge of 'Cell Structure and Function' subject (Master Course in Molecular Biology and Biomedicine, 2018-2019)  
**Organising entity:** University of Girona  
**End date:** 14/09/2019
- 19 Description of the activity:** Other teaching activities (course coordinator, etc.): Person-in-charge of 'Food safety and traceability' subject (Master Course in Food Biotechnology, 2018-2019)  
**Organising entity:** University of Girona  
**End date:** 14/09/2019

- 20** **Description of the activity:** Other teaching merits: Supervision of Guest PhD students. Student: Chiara Nerozzi. University of origin: University of Bologna (Italy)  
**Organising entity:** University of Girona  
**End date:** 31/07/2019
- 21** **Description of the activity:** Other teaching merits: Supervision of Guest PhD students. Student: Marina Da Silva Passarelli. University of origin: University of Sao Paulo (Brazil)  
**Organising entity:** University of Girona  
**End date:** 15/07/2019
- 22** **Description of the activity:** Other teaching merits: Supervision of Guest PhD students. Student: Meritxell Vendrell Flotats. University of origin: Autonomous University of Barcelona (Spain)  
**Organising entity:** University of Girona  
**End date:** 30/04/2019
- 23** **Description of the activity:** Other teaching merits: Supervision of Post-doctoral researchers. Research: Dr. Federico Noto. Funding: Assegno di Ricerca (University of Teramo, Italy)  
**Organising entity:** University of Girona  
**End date:** 31/03/2019
- 24** **Description of the activity:** Other teaching merits: Supervision of Guest PhD students. Student: Marion Papas. University of origin: Autonomous University of Barcelona (Spain)  
**Organising entity:** University of Girona  
**End date:** 28/02/2019
- 25** **Description of the activity:** Other teaching merits: Supervision of Guest PhD students. Student: Julián Alonso Valencia Giraldo. University of origin: University of Caldas  
**Organising entity:** University of Girona  
**End date:** 15/02/2019
- 26** **Description of the activity:** Other teaching activities (course coordinator, etc.): Person-in-charge of 'Cell Structure and Function' subject (Master Course in Molecular Biology and Biomedicine, 2017-2018)  
**Organising entity:** University of Girona  
**End date:** 14/09/2018
- 27** **Description of the activity:** Other teaching activities (course coordinator, etc.): Person-in-charge of 'Food safety and traceability' subject (Master Course in Food Biotechnology, 2017-2018)  
**Organising entity:** University of Girona  
**End date:** 14/09/2018
- 28** **Description of the activity:** Other teaching activities (course coordinator, etc.): Person-in-charge of 'Compared Organography' subject (BSc in Biology, 2017-2018)  
**Organising entity:** University of Girona  
**End date:** 14/09/2018
- 29** **Description of the activity:** Other teaching merits: Supervision of Guest PhD students. Student: Teresa Vilanova Pérez. University of origin: University of Oxford (United Kingdom)  
**Organising entity:** University of Girona  
**End date:** 31/07/2018



- 30 Description of the activity:** Other teaching merits: Tutor of international undergraduate students of Human Medicine (Standing Committee On Research Exchange; International Federation of Medical Students' Associations, IFMSA). Student: Ana Vaina. University of origin: Universidade da Beira Interior (Portugal)  
**Organising entity:** University of Girona  
**End date:** 31/07/2018
- 31 Description of the activity:** Other teaching merits: Supervision of Guest PhD students. Student: Bruna Resende Chaves. University of origin: Federal University of Lavras (Brazil)  
**Organising entity:** University of Girona  
**End date:** 30/04/2018
- 32 Description of the activity:** Other teaching merits: Supervision of Guest PhD students. Student: Ana Paula Pinoti Pavaneli. University of origin: University of Sao Paulo (Brazil)  
**Organising entity:** University of Girona  
**End date:** 31/03/2018
- 33 Description of the activity:** Other teaching merits: Supervision of Guest PhD students. Student: Núria Arcarons Deseures. University of origin: Autonomous University of Barcelona (Spain)  
**Organising entity:** University of Girona  
**End date:** 31/03/2018
- 34 Description of the activity:** Other teaching activities (course coordinator, etc.): Person-in-charge of 'Cell Structure and Function' subject (Master Course in Molecular Biology and Biomedicine, 2016-2017)  
**Organising entity:** University of Girona  
**End date:** 14/09/2017
- 35 Description of the activity:** Other teaching merits: Supervision of Guest PhD students. Student: Beatrice Gadani. University of origin: University of Bologna (Italy)  
**Organising entity:** University of Girona  
**End date:** 31/07/2017
- 36 Description of the activity:** Other teaching merits: Supervision of Guest PhD students. Student: Barbara Azevedo Pereira. University of origin: Federal University of Lavras (Brazil)  
**Organising entity:** University of Girona  
**End date:** 31/05/2017
- 37 Description of the activity:** Other teaching merits: Supervision of Guest PhD students. Student: Martina Rocco. University of origin: University of Molise (Italy)  
**Organising entity:** University of Girona  
**End date:** 30/04/2017
- 38 Description of the activity:** Other teaching merits: Tutoring of Master students (MSc in Clinical Embryology; Nuffield Department of Obstetrics and Gynaecology, University of Oxford). Student: Helena Rodríguez Caro  
**Organising entity:** University of Oxford (UK)  
**End date:** 15/09/2015
- 39 Description of the activity:** Other teaching merits: Supervision of Guest PhD students. Student: Elisa Giaretta. University of origin: University of Bologna (Italy)  
**Organising entity:** Universitat Autònoma de Barcelona  
**End date:** 31/07/2013



- 40** **Description of the activity:** Other teaching merits: Supervision of Guest PhD students. Student: Luiz G. Rocha. University of origin: Federal University of Lavras (Brazil)  
**Organising entity:** Universitat Autònoma de Barcelona  
**End date:** 28/02/2013
- 41** **Description of the activity:** Other teaching merits: Supervision of Guest PhD students. Student: Antonia Alejandra Covarrubias. University of origin: Austral University of Chile (Chile)  
**Organising entity:** Universitat Autònoma de Barcelona  
**End date:** 31/10/2012
- 42** **Description of the activity:** Other teaching merits: Supervision of Guest PhD students. Student: David Martín Hidalgo. University of origin: University of Extremadura (Spain)  
**Organising entity:** Universitat Autònoma de Barcelona  
**End date:** 31/10/2012
- 43** **Description of the activity:** Other teaching merits: Supervision of Guest PhD students. Student: Ana Hurtado de Lera. University of origin: University of Extremadura (Spain)  
**Organising entity:** Universitat Autònoma de Barcelona  
**End date:** 31/10/2012
- 44** **Description of the activity:** Other teaching activities (course coordinator, etc.): Person-in-charge of 'Microscopy' subject (Degree in Biology, 2010-2011)  
**Organising entity:** University of Girona  
**End date:** 14/09/2011
- 45** **Description of the activity:** Other teaching activities (course coordinator, etc.): Person-in-charge of 'Cell Structure and Function' subject (Master Course in Molecular Biology and Biomedicine, 2010-2011)  
**Organising entity:** University of Girona  
**End date:** 14/09/2011
- 46** **Description of the activity:** Other teaching merits: Supervision of Guest PhD students. Student: Javier Urra. University of origin: Austral University of Chile (Chile)  
**Organising entity:** Universitat Autònoma de Barcelona  
**End date:** 31/07/2011
- 47** **Description of the activity:** Other teaching activities (course coordinator, etc.): Person-in-charge of 'Microscopy' subject (Degree in Biology, 2008-2009)  
**Organising entity:** University of Girona  
**End date:** 14/09/2009

## Scientific and technological experience

### Research and development groups/teams

- 1 Name of the group:** Principal Investigator, Consolidated Research Group on Biotechnology in Animal Reproduction (2017SGR1229) (Consolidated Research Group Member)  
**Affiliation entity:** Generalitat de Catalunya  
**Start date:** 01/01/2017 **Duration:** 4 years
- 2 Name of the group:** Member, Consolidated Research Group on Reproductive Biotechnology (2014SGR1230) (Consolidated Research Group Member)  
**Affiliation entity:** Generalitat de Catalunya  
**Start date:** 01/01/2014 **Duration:** 3 years - 4 months
- 3 Name of the group:** Member, Consolidated Research Group on Reproductive Biotechnology (2009SGR0745) (Consolidated Research Group Member)  
**Affiliation entity:** Generalitat de Catalunya  
**Start date:** 26/11/2009 **Duration:** 4 years - 5 months - 5 days
- 4 Name of the group:** Member, Consolidated Research Group on Reproductive Biotechnology (2005SGR0025) (Consolidated Research Group Member)  
**Affiliation entity:** Generalitat de Catalunya  
**Start date:** 18/10/2005 **Duration:** 3 years - 2 months - 14 days
- 5 Name of the group:** Member, TechnoSperm Research Group (Biotechnology of Animal and Human Reproduction; GRCT-006) (Research Group Member )  
**Affiliation entity:** University of Girona  
**Start date:** 01/04/2003
- 6 Name of the group:** Member, Consolidated Research Group on Reproductive Biology in Pigs (2001SGR0294) (Consolidated Research Group Member)  
**Affiliation entity:** Generalitat de Catalunya  
**Start date:** 01/04/2003 **Duration:** 1 year - 9 months

## Scientific or technological activities

### R&D projects funded through competitive calls of public or private entities

- 1 Name of the project:** ICREA Acadèmia 2021

**Entity where project took place:** Universitat de Girona (UdG)      **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras

**Nº of researchers:** 1

**Funding entity or bodies:** Institució Catalana de Recerca i Estudis Avançats (ICREA)      **Type of entity:** \*\*Organisme Autònom

**City funding entity:** 08010-Barcelona, Spain

**Start-End date:** 01/01/2022 - 31/12/2026      **Duration:** 5 years

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 200.000 €
- 2 Name of the project:** Efecte de la integritat de la cromatina espermàtica (DNA i protamines) sobre la capacitat fecundant de l'espermatozoide i el desenvolupament embrionari

**Entity where project took place:** Universitat de Girona (UdG)      **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras

**Nº of researchers:** 1

**Funding entity or bodies:** Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR). Generalitat de Catalunya.      **Type of entity:** \*\*Administracions Públiques

**City funding entity:** 08003 Barcelona, Spain

**Code according to the funding entity:** 2022 DI 069

**Start-End date:** 05/12/2022 - 04/12/2025      **Duration:** 3 years

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 33.960 €
- 3 Name of the project:** Implicación de la función mitocondrial en la longevidad del espermatozoide de especies de interés productivo y diseño de diluyentes para su conservación

**Entity where project took place:** Universitat de Girona (UdG)      **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras; Juan Enrique Rodriguez Gil

**Nº of researchers:** 5

**Funding entity or bodies:** Ministeri de Ciència, Innovació i Universitats - MCIU      **Type of entity:** \*\*Ministeri

**City funding entity:** Madrid, Spain

**Code according to the funding entity:** PID2020-113320RB-I00

**Start-End date:** 01/09/2021 - 31/08/2024      **Duration:** 3 years

**Participating entity/entities:** Universitat de Girona (UdG)





**Total amount:** 260.150 €

**4 Name of the project:** Linking rare genetic male infertility to sperm toroid DNA linker  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras

**N° of researchers:** 7

**Funding entity or bodies:**

Fundació La Marató de TV3

**Type of entity:** \*\*Fundacions

**City funding entity:** Spain

**Code according to the funding entity:** 202039-10

**Start-End date:** 12/03/2021 - 11/03/2024

**Duration:** 3 years

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 194.850 €

**5 Name of the project:** Ajuts Juan de la Cierva - Formación 2019

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras

**N° of researchers:** 1

**Funding entity or bodies:**

Ministeri de Ciència, Innovació i Universitats - MCIU

**Type of entity:** \*\*Ministeri

**City funding entity:** Madrid, Spain

**Code according to the funding entity:** FJC2019-041924-I

**Start-End date:** 01/09/2021 - 31/08/2023

**Duration:** 2 years

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 50.000 €

**6 Name of the project:** Ajuts Juan de la Cierva - Incorporación

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Albert Salas Huetos

**N° of researchers:** 1

**Funding entity or bodies:**

Ministeri de Ciència, Innovació i Universitats - MCIU

**Type of entity:** \*\*Ministeri

**City funding entity:** Madrid, Spain

**Code according to the funding entity:** IJC2019\_039615-I

**Start-End date:** 01/04/2021 - 31/08/2022

**Duration:** 1 year - 5 months

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 93.000 €

**7 Name of the project:** BEQUES SANTANDER DE TRANSFERÈNCIA, INNOVACIÓ i EMPRENEDORIA DE LA UdG (BTIE - SANTANDER 2021)

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Ferran Garriga Font; Marc Yeste Oliveras

**Nº of researchers:** 2**Funding entity or bodies:**

Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat**City funding entity:** 17071 - Girona, Spain**Code according to the funding entity:** BTIE2021/19**Start-End date:** 01/01/2022 - 31/07/2022**Duration:** 7 months**Participating entity/entities:** Universitat de Girona (UdG)**Total amount:** 3.150 €**8 Name of the project:** Mejora del rendimiento reproductivo del semen refrigerado y congelado/descongelado de porcino y bovino mediante el uso de la fotoestimulación (Photo-Sperm)**Entity where project took place:** Universitat de Girona (UdG)**Type of entity:** \*\*Universitat**City of entity:** 17071 - Girona, Spain**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras**Nº of researchers:** 22**Funding entity or bodies:**

Ministerio de Economía y Competitividad

**Type of entity:** \*\*Ministeri**City funding entity:** 28071 - Madrid, Spain**Code according to the funding entity:** AGL2017-88329-R**Start-End date:** 01/01/2018 - 30/09/2021**Duration:** 3 years - 9 months**Participating entity/entities:** Universitat de Girona (UdG)**Total amount:** 238.975 €**9 Name of the project:** Biotecnologia de la Reproducció Animal**Entity where project took place:** Universitat de Girona (UdG)**Type of entity:** \*\*Universitat**City of entity:** 17071 - Girona, Spain**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras**Nº of researchers:** 28**Funding entity or bodies:**

Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR). Generalitat de Catalunya.

**Type of entity:** \*\*Administracions Públiques**City funding entity:** 08003 Barcelona, Spain**Code according to the funding entity:** 2017SGR1229**Start-End date:** 01/01/2017 - 30/09/2021**Duration:** 4 years - 9 months**Participating entity/entities:** Universitat de Girona (UdG)**10 Name of the project:** BEQUES SANTANDER DE TRANSFERÈNCIA, INNOVACIÓ i EMPRENEDORIA DE LA UdG (BTIE - SANTANDER 2020)**Entity where project took place:** Universitat de Girona (UdG)**Type of entity:** \*\*Universitat**City of entity:** 17071 - Girona, Spain**Name principal investigator (PI, Co-PI....):** Estel Viñolas Vergés; Marc Yeste Oliveras**Nº of researchers:** 2**Funding entity or bodies:**

Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat**City funding entity:** 17071 - Girona, Spain**Code according to the funding entity:** BTIE2020/19**Start-End date:** 01/01/2021 - 31/07/2021**Duration:** 7 months

**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 3.150 €

**11 Name of the project:** Ajuts Juan de la Cierva - Formación

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Isabel Barranco Cascales

**Nº of researchers:** 1

**Funding entity or bodies:**

Ministerio de Economía, Industria y Competitividad **Type of entity:** \*\*Ministeri

**City funding entity:** Madrid, Spain

**Code according to the funding entity:** FJCI-2017-31689

**Start-End date:** 01/12/2018 - 28/02/2021 **Duration:** 2 years - 3 months

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 60.342,47 €

**12 Name of the project:** BEQUES SANTANDER DE TRANSFERÈNCIA, INNOVACIÓ I EMPRENEDORIA DE LA UdG (BTIE - SANTANDER 2019)

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Andra Teodora Sandu; Marc Yeste Oliveras

**Nº of researchers:** 2

**Funding entity or bodies:**

Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City funding entity:** 17071 - Girona, Spain

**Code according to the funding entity:** BTIE2019/06

**Start-End date:** 01/01/2020 - 31/12/2020 **Duration:** 1 year

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 3.150 €

**13 Name of the project:** Maternal-paternal communication in cattle: understanding how male-induced environmental changes in the female reproductive tract influence reproductive success

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Beatriz Fernandez Fuertes; Marc Yeste Oliveras

**Nº of researchers:** 2

**Funding entity or bodies:**

DG Research and Innovation. European Commission **Type of entity:** \*\*Europea (RTD)

**City funding entity:** European Union institutions

**Code according to the funding entity:** 792212

**Start-End date:** 01/09/2018 - 31/08/2020 **Duration:** 2 years

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 170.121,6 €



- 14 Name of the project:** Ramon y Cajal 2014  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras  
**Nº of researchers:** 1  
**Funding entity or bodies:** Ministerio de Ciencia e Innovación (MICINN) **Type of entity:** \*\*Ministeri  
**City funding entity:** 28027-Madrid, Spain  
**Code according to the funding entity:** RYC-2014-15581  
**Start-End date:** 01/04/2016 - 06/02/2020 **Duration:** 3 years - 10 months - 6 days  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 308.600 €
- 15 Name of the project:** Technosperm  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull; Marc Yeste Oliveras  
**Nº of researchers:** 10  
**Funding entity or bodies:** Agencia de Suport a l'Empresa Catalana (ACCIÓ) **Type of entity:** \*\*Administracions Públiques  
**City funding entity:** 08008 Barcelona, Spain  
**Code according to the funding entity:** TECHNOSPERM-UdG  
**Start-End date:** 06/10/2017 - 31/12/2019 **Duration:** 2 years - 2 months - 26 days  
**Participating entity/entities:** Universitat de Girona (UdG)
- 16 Name of the project:** Producción in vitro de embriones de animales de interés veterinario  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Maria Teresa Paramio Nieto  
**Nº of researchers:** 51  
**Funding entity or bodies:** Ministerio de Economía y Competitividad **Type of entity:** \*\*Ministeri  
**City funding entity:** 28071 - Madrid, Spain  
**Code according to the funding entity:** AGL2016-81890-REDT  
**Start-End date:** 01/01/2017 - 31/12/2019 **Duration:** 3 years  
**Participating entity/entities:** Universitat Autònoma de Barcelona (UAB)  
**Total amount:** 20.000 €
- 17 Name of the project:** Beques de Transferència i Innovació(BTI) 2018-2019  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Marc Llanvera Bruguera; Marc Yeste Oliveras  
**Nº of researchers:** 2  
**Funding entity or bodies:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City funding entity:** 17071 - Girona, Spain



**Code according to the funding entity:** BTI2018/06  
**Start-End date:** 01/01/2019 - 31/07/2019      **Duration:** 7 months  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 3.150 €

- 18 Name of the project:** Ajut Programa TransferUdG 2016  
**Entity where project took place:** Universitat de Girona (UdG)      **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**Nº of researchers:** 6  
**Funding entity or bodies:**  
Universitat de Girona (UdG)      **Type of entity:** \*\*Universitat  
**City funding entity:** 17071 - Girona, Spain  
**Code according to the funding entity:** TRANSFER2016/32  
**Start-End date:** 01/09/2017 - 28/02/2019      **Duration:** 1 year - 6 months  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 12.000 €

- 19 Name of the project:** Acció preuniversitària, extensió universitària i divulgació de la recerca del Centre TECNIO en Biotecnologia de la Reproducció TechnoSperm durant l'any 2018  
**Entity where project took place:** Universitat de Girona (UdG)      **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras  
**Nº of researchers:** 7  
**Funding entity or bodies:**  
Consell Social Universitat de Girona      **Type of entity:** \*\*Sense Classificar  
**City funding entity:** Unknown  
**Code according to the funding entity:** CS2018  
**Start-End date:** 01/01/2018 - 31/12/2018      **Duration:** 1 year  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 975 €

- 20 Name of the project:** Programa d'ajuts per a la millora de la Carrera professional  
**Entity where project took place:** Universitat de Girona (UdG)      **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras  
**Nº of researchers:** 1  
**Funding entity or bodies:**  
Universitat de Girona (UdG)      **Type of entity:** \*\*Universitat  
**City funding entity:** 17071 - Girona, Spain  
**Start-End date:** 01/01/2018 - 31/12/2018      **Duration:** 1 year  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 4.000 €



- 21 Name of the project:** Avaluació dels efectes de la contaminació bacteriana i el seu control mitjançant antibiòtics i pèptids antimicrobians sobre la capacitació in vitro de l'espermatozoide de porcí.  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Elisabeth Pinart Nadal; Marc Yeste Oliveras  
**Nº of researchers:** 8  
**Funding entity or bodies:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City funding entity:** 17071 - Girona, Spain  
**Code according to the funding entity:** MPCUdG2016/017  
**Start-End date:** 01/01/2016 - 31/12/2018 **Duration:** 3 years  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 30.000 €
- 22 Name of the project:** Beques de Transferència i Innovació(BTI) 2017-2018  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Ariadna Delgado Bermudez; Marc Yeste Oliveras  
**Nº of researchers:** 2  
**Funding entity or bodies:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City funding entity:** 17071 - Girona, Spain  
**Code according to the funding entity:** BTI2017/03  
**Start-End date:** 01/01/2018 - 31/07/2018 **Duration:** 7 months  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 4.200 €
- 23 Name of the project:** Evaluación de péptidos antimicrobianos como sustitutos de los antibióticos en los diluyentes de refrigeración del semen porcino  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**Nº of researchers:** 3  
**Funding entity or bodies:** Ministerio de Economía y Competitividad **Type of entity:** \*\*Ministeri  
**City funding entity:** 28071 - Madrid, Spain  
**Code according to the funding entity:** AGL2013-47798-P  
**Start-End date:** 01/01/2014 - 31/12/2017 **Duration:** 4 years  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 108.900 €
- 24 Name of the project:** Biotecnologia de la Reproducció  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**Nº of researchers:** 19

**Funding entity or bodies:**

Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR). Generalitat de Catalunya. **Type of entity:** \*\*Administracions Públiques

**City funding entity:** 08003 Barcelona, Spain

**Code according to the funding entity:** 2014SGR1230

**Start-End date:** 01/01/2014 - 30/04/2017

**Duration:** 3 years - 4 months

**Participating entity/entities:** Universitat de Girona (UdG)

**25 Name of the project:** Increment de la difusió de la investigació en Biotecnologia de la Reproducció Animal a les Comarques Gironines

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**Nº of researchers:** 7

**Funding entity or bodies:**

Consell Social Universitat de Girona

**Type of entity:** \*\*Sense Classificar

**City funding entity:** Unknown

**Code according to the funding entity:** CS2016

**Start-End date:** 01/01/2016 - 31/12/2016

**Duration:** 1 year

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 1.500 €

**26 Name of the project:** Genomic approaches to evaluate boar sperm quality

**Entity where project took place:** Universitat Autònoma de Barcelona (UAB) **Type of entity:** \*\*Universitat

**City of entity:** 08193-Bellaterra, Spain

**Name principal investigator (PI, Co-PI....):** Armand Sánchez Bonastre; Àlex Clop Ponte

**Nº of researchers:** 26

**Funding entity or bodies:**

Ministerio de Economía y Competitividad

**Type of entity:** \*\*Ministeri

**City funding entity:** 28071 - Madrid, Spain

**Code according to the funding entity:** AGL2013-44978-R

**Start-End date:** 01/01/2014 - 31/12/2016

**Duration:** 3 years

**Participating entity/entities:** Universitat Autònoma de Barcelona (UAB)

**Total amount:** 181.500 €

**27 Name of the project:** Development of a Regional Master Programme in Pig Production and Food Security in Caribbean Countries

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**Nº of researchers:** 4

**Funding entity or bodies:**

DG EuropeAid - European Commission

**Type of entity:** \*\*Europea

**City funding entity:** European Union institutions

**Code according to the funding entity:** FED/2013/320-193

**Start-End date:** 04/10/2013 - 03/10/2016

**Duration:** 3 years

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 185.030,13 €

**28 Name of the project:** Oocyte activation and human infertility: identification and characterisation of a critical oocyte-borne receptor, and effects of laboratory procedures upon key proteins involved in oocyte activation

**Entity where project took place:** University of Oxford **Type of entity:** \*\*Universitat

**City of entity:** Oxford, United Kingdom

**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras; Kevin Coward

**Nº of researchers:** 2

**Funding entity or bodies:**

DG Research and Innovation. European Commission **Type of entity:** \*\*Europea (RTD)

**City funding entity:** European Union institutions

**Code according to the funding entity:** 626061

**Start-End date:** 01/04/2014 - 31/03/2016

**Duration:** 2 years

**Participating entity/entities:** University of Oxford

**Total amount:** 299.558,4 €

**29 Name of the project:** Creación y Consolidación del Centro de Referencia Nacional en Reproducción Asistida en Porcino

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**Nº of researchers:** 31

**Funding entity or bodies:**

Ministerio de Asuntos Exteriores y de Cooperación **Type of entity:** \*\*Ministeri

**City funding entity:** 28071-Madrid, Spain

**Code according to the funding entity:** NIC11. A1/035743/11

**Start-End date:** 2012 - 2015

**Duration:** 3 years - 1 day

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 190.000 €

**30 Name of the project:** TechnoSperm, la Biotecnologia de la Reproducció Animal a l'abast de la Societat

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**Nº of researchers:** 8

**Funding entity or bodies:**

Consell Social Universitat de Girona

**Type of entity:** \*\*Sense Classificar

**City funding entity:** Unknown

**Code according to the funding entity:** CS2014

**Start-End date:** 01/01/2014 - 31/12/2014

**Duration:** 1 year

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 1.500 €

**31 Name of the project:** Control sanitario (II) de bancos de semen de razas de porcino en peligro de extinción

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat





**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**N° of researchers:** 10

**Funding entity or bodies:**

Ministerio de Ciencia e Innovación (MICINN)

**Type of entity:** \*\*Ministeri

**City funding entity:** 28027-Madrid, Spain

Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria (INIA)

**Type of entity:** \*\*Organisme Autònom

**City funding entity:** 28040-Madrid, Spain

**Code according to the funding entity:** RZ2011-00001-00-00

**Start-End date:** 01/01/2012 - 31/12/2014

**Duration:** 3 years

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 58.472 €

**32 Name of the project:** Ajut a la contractació de personal de suport de l'activitat de R+D

**Entity where project took place:** Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**N° of researchers:** 99

**Funding entity or bodies:**

Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City funding entity:** 17071 - Girona, Spain

**Code according to the funding entity:** GA12/03

**Start-End date:** 10/06/2013 - 09/06/2014

**Duration:** 1 year

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 12.500 €

**33 Name of the project:** Biotecnologia de la Reproducció

**Entity where project took place:** Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**N° of researchers:** 18

**Funding entity or bodies:**

Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR). Generalitat de Catalunya.

**Type of entity:** \*\*Administracions Públiques

**City funding entity:** 08003 Barcelona, Spain

**Code according to the funding entity:** 2009SGR0745

**Start-End date:** 26/11/2009 - 30/04/2014

**Duration:** 4 years - 5 months - 5 days

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 48.880 €

**34 Name of the project:** Mejora del protocolo de criopreservación espermática en semen porcino mediante el estudio de la estructura Membranosa y de los transportadores de hexosas y los DMRDs

**Entity where project took place:** Universitat Autònoma de Barcelona (UAB)

**Type of entity:** \*\*Universitat

**City of entity:** 08193-Bellaterra, Spain

**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras

**N° of researchers:** 2

**Funding entity or bodies:**Ministerio de Economía, Industria y Competitividad **Type of entity:** \*\*Ministeri**City funding entity:** Madrid, Spain**Code according to the funding entity:** JCI-2010-08620**Start-End date:** 01/01/2011 - 31/12/2013 **Duration:** 3 years**Participating entity/entities:** Universitat Autònoma de Barcelona (UAB)**Total amount:** 96.000 €

- 35 Name of the project:** Ajuts per infraestructures científic-tecnològiques (FEDER) (Equipamiento de Análisis Genómico y Proteómico de Alta Resolución )

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat**City of entity:** 17071 - Girona, Spain**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull**Nº of researchers:** 18**Funding entity or bodies:**Ministerio de Ciencia e Innovación (MICINN) **Type of entity:** \*\*Ministeri**City funding entity:** 28027-Madrid, Spain**Code according to the funding entity:** UNGI10-4E-1176**Start-End date:** 15/12/2011 - 31/12/2012 **Duration:** 1 year - 17 days**Participating entity/entities:** Universitat de Girona (UdG)**Total amount:** 65.451,07 €

- 36 Name of the project:** Estudio y determinación de marcadores de congelabilidad en semen porcino

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat**City of entity:** 17071 - Girona, Spain**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull**Nº of researchers:** 8**Funding entity or bodies:**Ministerio de Ciencia e Innovación (MICINN) **Type of entity:** \*\*Ministeri**City funding entity:** 28027-Madrid, Spain**Code according to the funding entity:** AGL2009-11904**Start-End date:** 01/01/2010 - 31/12/2012 **Duration:** 3 years**Participating entity/entities:** Universitat de Girona (UdG)**Total amount:** 90.750 €

- 37 Name of the project:** Gestor gran abast

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat**City of entity:** 17071 - Girona, Spain**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull**Nº of researchers:** 1**Funding entity or bodies:**Universitat de Girona (UdG) **Type of entity:** \*\*Universitat**City funding entity:** 17071 - Girona, Spain**Code according to the funding entity:** GA2010/11**Start-End date:** 15/03/2011 - 14/03/2012 **Duration:** 1 year**Participating entity/entities:** Universitat de Girona (UdG)



**Total amount:** 18.000 €

- 38** **Name of the project:** AYUDA para la adquisición de un EQUIPAMIENTO DE ANÁLISIS GENÓMICO Y PROTEÓMICO DE ALTA RESOLUCIÓN  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergio Bonet Marull  
**N° of researchers:** 30  
**Funding entity or bodies:** Ministerio de Ciencia e Innovación (MICINN) **Type of entity:** \*\*Ministeri  
**City funding entity:** 28027-Madrid, Spain  
**Code according to the funding entity:** UNGI10-4E-1176  
**Start-End date:** 2011 - 2012 **Duration:** 1 year - 1 day  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 130.092,13 €
- 39** **Name of the project:** TECHNOSPERM: PLA DE MILLORA DE LA INTERNACIONALITZACIÓ I LA COMPETITIVITAT  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**N° of researchers:** 13  
**Funding entity or bodies:** Agencia de Suport a l'Empresa Catalana (ACCIÓ) **Type of entity:** \*\*Administracions Públiques  
**City funding entity:** 08008 Barcelona, Spain  
**Code according to the funding entity:** TECCIT11-1-0049-00\_1  
**Start-End date:** 01/01/2011 - 31/12/2011 **Duration:** 1 year  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 12.540 €
- 40** **Name of the project:** Improvement of the conservation of porcine and asinine semen through protection of the protamines/DNA structure  
**Entity where project took place:** Universitat Autònoma de Barcelona (UAB) **Type of entity:** \*\*Universitat  
**City of entity:** 08193-Bellaterra, Spain  
**Name principal investigator (PI, Co-PI....):** Juan Enrique Rodríguez Gil  
**N° of researchers:** 7  
**Funding entity or bodies:** Ministerio de Economía y Competitividad **Type of entity:** \*\*Ministeri  
**City funding entity:** 28071 - Madrid, Spain  
**Code according to the funding entity:** AGL2008-01792/GAN  
**Start-End date:** 01/01/2009 - 31/12/2011 **Duration:** 3 years  
**Participating entity/entities:** Universitat Autònoma de Barcelona (UAB)  
**Total amount:** 45.000 €



- 41 Name of the project:** Control sanitario de bancos de semen de razas (estirpes) de porcino en peligro de desaparición  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**Nº of researchers:** 7  
**Funding entity or bodies:** Ministerio de Educación y Ciencia (MEC) **Type of entity:** \*\*Ministeri  
**City funding entity:** 28071-Madrid, Spain  
**Code according to the funding entity:** RZ2008-00001-00-00  
**Start-End date:** 30/09/2008 - 29/09/2011 **Duration:** 3 years  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 54.240 €
- 42 Name of the project:** Diseño de un sistema integrado de filtración de semen inmaduro de porcino, con matriz Glass Beads, para la recuperación de dosis seminales refrigeradas.  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**Nº of researchers:** 10  
**Funding entity or bodies:** Ministerio de Industria, Turismo y Comercio **Type of entity:** \*\*Ministeri  
**City funding entity:** 28071-Madrid, Spain  
**Code according to the funding entity:** PET2008\_0043  
**Start-End date:** 01/03/2009 - 28/02/2011 **Duration:** 2 years  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 47.840,98 €
- 43 Name of the project:** Gestor gran abast  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**Nº of researchers:** 1  
**Funding entity or bodies:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City funding entity:** 17071 - Girona, Spain  
**Start-End date:** 01/01/2010 - 31/12/2010 **Duration:** 1 year  
**Participating entity/entities:** Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR). Generalitat de Catalunya.  
**Total amount:** 20.200 €
- 44 Name of the project:** Pla Consolidació TECHNOSPERM  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**Nº of researchers:** 12

**Funding entity or bodies:**

Centre d'Innovació i Desenvolupament Empresarial (CIDEM) **Type of entity:** \*\*Organisme Autònom

**City funding entity:** 08037-Barcelona, Spain

**Code according to the funding entity:** TECCIT10-1-0019

**Start-End date:** 01/01/2010 - 31/12/2010 **Duration:** 1 year

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 10.000 €

- 45 Name of the project:** Creació d'un Banc de GermaPlasma en Càndids  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**Nº of researchers:** 11  
**Funding entity or bodies:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City funding entity:** 17071 - Girona, Spain  
**Start-End date:** 22/12/2009 - 21/12/2010 **Duration:** 1 year  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 12.000 €

- 46 Name of the project:** Sessions de demostració específiques de l'activitat de R+D+i de TechnoSperm per institucions i centres educatius preuniversitaris de les comarques gironines  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**Nº of researchers:** 11  
**Funding entity or bodies:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City funding entity:** 17071 - Girona, Spain  
**Start-End date:** 16/12/2009 - 15/12/2010 **Duration:** 1 year  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 2.000 €

- 47 Name of the project:** Ajut a la publicació d'articles vinculats a tesis doctorals (Marc Yeste Oliveras)  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**Nº of researchers:** 1  
**Funding entity or bodies:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City funding entity:** 17071 - Girona, Spain  
**Start-End date:** 01/01/2009 - 31/12/2009 **Duration:** 1 year  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 800 €



- 48** **Name of the project:** Centro TECHNOSPERM (Biotecnología de la Reproducción Porcina) de la Red IT del CIDEM (Red de Centros de Soporte a la Innovación Tecnológica y Desarrollo Empresarial de la Generalitat de Catalunya)  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**Nº of researchers:** 11  
**Funding entity or bodies:** Centre d'Innovació i Desenvolupament Empresarial (CIDEM) **Type of entity:** \*\*Organisme Autònom  
**City funding entity:** 08037-Barcelona, Spain  
**Code according to the funding entity:** TechnoSperm-XarxaIT-CIDEM  
**Start-End date:** 01/09/2008 - 31/08/2009 **Duration:** 1 year  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 50.000 €
- 49** **Name of the project:** - Biotecnología de la reproducció - Ajuts per a grups de recerca consolidats (GRC)  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**Funding entity or bodies:** Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR). Generalitat de Catalunya. **Type of entity:** \*\*Administracions Públiques  
**City funding entity:** 08003 Barcelona, Spain  
**Code according to the funding entity:** 2005SGR 00025  
**Start-End date:** 18/10/2005 - 31/12/2008 **Duration:** 3 years - 2 months - 14 days  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 36.600 €
- 50** **Name of the project:** Ajuts per a equipament i infraestructura destinats a la recerca (PEIR 2007) (Microscopi invertit)  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**Nº of researchers:** 2  
**Funding entity or bodies:** Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR). Generalitat de Catalunya. **Type of entity:** \*\*Administracions Públiques  
**City funding entity:** 08003 Barcelona, Spain  
**Code according to the funding entity:** 00003-B-4  
**Start-End date:** 07/07/2008 - 12/2008 **Duration:** 4 months - 25 days  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 23.431 €
- 51** **Name of the project:** Centro TECHNOSPERM (Biotecnología de la Reproducción Porcina) de la Red IT del CIDEM (Red de Centros de Soporte a la Innovación Tecnológica y Desarrollo Empresarial de la Generalitat de Catalunya)  
**Type of entity:** \*\*Universitat

**Entity where project took place:** Universitat de Girona (UdG)  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**Nº of researchers:** 11  
**Funding entity or bodies:** Centre d'Innovació i Desenvolupament Empresarial **Type of entity:** \*\*Organisme Autònom (CIDEM)  
**City funding entity:** 08037-Barcelona, Spain  
**Code according to the funding entity:** TechnoSperm-XarxaIT-CIDEM  
**Start-End date:** 01/09/2007 - 31/08/2008 **Duration:** 1 year  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 60.000 €

**52 Name of the project:** Diseño de un prototipo comercializable (sistema integrado) de filtración de semen inmaduro de porcino, con matriz glass beads y sephadex G-25, para la recuperación de dosis seminales de calidad, refrigeradas o congeladas

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**Funding entity or bodies:** Ministerio de Educación y Ciencia (MEC) **Type of entity:** \*\*Ministeri  
**City funding entity:** 28071-Madrid, Spain

**Code according to the funding entity:** PCT-060000-2006-27  
**Start-End date:** 01/01/2006 - 31/12/2007 **Duration:** 2 years  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 285.186 €

**53 Name of the project:** Ayudas para la contratación de personal técnico de apoyo a proyectos en el marco del Programa Nacional de Potenciación de Recursos Humanos del MEC

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**Funding entity or bodies:** Ministerio de Ciencia y Tecnología **Type of entity:** \*\*Ministeri  
**City funding entity:** 28071-Madrid, Spain

Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City funding entity:** 17071 - Girona, Spain  
**Code according to the funding entity:** PTA-2003-02-00503  
**Start-End date:** 01/01/2005 - 31/12/2007 **Duration:** 3 years  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 56.803,11 €

**54 Name of the project:** Estudio morfofuncional e inmunocitoquímico de las lesiones celulares a lo largo de catorce fases del protocolo de congelación/descongelación de semen porcino

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain



**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**Nº of researchers:** 6

**Funding entity or bodies:**

Ministerio de Ciencia y Tecnología

**Type of entity:** \*\*Ministeri

**City funding entity:** 28071-Madrid, Spain

**Code according to the funding entity:** AGL2004-04756-C02-01

**Start-End date:** 13/12/2004 - 12/12/2007

**Duration:** 3 years

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 133.450 €

**55 Name of the project:** Ajuts per a equipament i infraestructura destinats a la recerca (PEIR 2006) (Microscopi invertit)

**Entity where project took place:** Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**Nº of researchers:** 2

**Funding entity or bodies:**

Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR). Generalitat de Catalunya.

**Type of entity:** \*\*Administracions Públiques

**City funding entity:** 08003 Barcelona, Spain

**Code according to the funding entity:** 2006PEIR 10003 / 15

**Start-End date:** 20/02/2007 - 12/2007

**Duration:** 9 months - 10 days

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 94.981 €

**56 Name of the project:** Ayudes de cofinancament per a la contractació de personal tècnic de projectes

**Entity where project took place:** Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**Nº of researchers:** 1

**Funding entity or bodies:**

Ministerio de Ciencia y Tecnología

**Type of entity:** \*\*Ministeri

**City funding entity:** 28071-Madrid, Spain

**Start-End date:** 12/08/2005 - 11/08/2007

**Duration:** 2 years

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 25.565,86 €

**57 Name of the project:** AYUDA COMPLEMENTARIA para la EDICIÓN DEL LIBRO: 'Biotecnología de la Reproducción Porcina. Manual de Técnicas de Reproducción Asistida en Porcino'

**Entity where project took place:** Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**Nº of researchers:** 11

**Funding entity or bodies:**

Ministerio de Educación y Ciencia (MEC)

**Type of entity:** \*\*Ministeri

**City funding entity:** 28071-Madrid, Spain

**Type of entity:** \*\*Organisme Autònom





Instituto Nacional de Investigación y Tecnología  
Agraria y Alimentaria (INIA)

**City funding entity:** 28040-Madrid, Spain

**Code according to the funding entity:** ACO5-013

**Start-End date:** 01/01/2006 - 31/12/2006

**Duration:** 1 year

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 6.000 €

- 58 Name of the project:** Diseño de un protocolo técnico y de un prototipo para la mejora de la calidad espermática de las dosis seminales de porcino, refrigeradas y criopresenads, destinadas a inseminación artificial.

**Entity where project took place:** Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**Funding entity or bodies:**

Ministerio de Educación y Ciencia (MEC)

**Type of entity:** \*\*Ministeri

**City funding entity:** 28071-Madrid, Spain

**Code according to the funding entity:** PCT-060000-2005-13

**Start-End date:** 01/01/2005 - 31/12/2006

**Duration:** 2 years

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 268.715 €

- 59 Name of the project:** Optimizacion de los protocolos de criopreservación espermática en líneas de cerdo ibérico en peligro de extinción a partir del control de los parámetros funcionales del semen fresco y croipreservado y de las alteraciones espermáticas producidas a lo largo

**Entity where project took place:** Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**Nº of researchers:** 12

**Funding entity or bodies:**

Ministerio de Ciencia y Tecnología

**Type of entity:** \*\*Ministeri

**City funding entity:** 28071-Madrid, Spain

**Code according to the funding entity:** RZ03-029

**Start-End date:** 01/01/2004 - 31/12/2006

**Duration:** 3 years

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 68.780,2 €

- 60 Name of the project:** Estadés breus a Espanya o a l' estranger pels becaris FPI

**Entity where project took place:** Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras

**Nº of researchers:** 1

**Funding entity or bodies:**

Ministerio de Educación y Ciencia (MEC)

**Type of entity:** \*\*Ministeri

**City funding entity:** 28071-Madrid, Spain

**Start-End date:** 15/01/2006 - 18/06/2006

**Duration:** 5 months - 4 days

**Participating entity/entities:** Universitat de Girona (UdG)



**Total amount:** 7.575 €

- 61** **Name of the project:** Red Temática sobre Reproducción Porcina  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**Nº of researchers:** 2  
**Funding entity or bodies:** Ministerio de Ciencia y Tecnología **Type of entity:** \*\*Ministeri  
**City funding entity:** 28071-Madrid, Spain  
**Code according to the funding entity:** AGL2002-12277-E  
**Start-End date:** 24/05/2004 - 23/04/2006 **Duration:** 1 year - 11 months  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 16.000 €
- 62** **Name of the project:** Publicación monográfica: Manual de técnicas de Reproducción Asistida en Porcino  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**Nº of researchers:** 2  
**Funding entity or bodies:** Ministerio de Educación y Ciencia (MEC) **Type of entity:** \*\*Ministeri  
**City funding entity:** 28071-Madrid, Spain  
**Code according to the funding entity:** SGPCP-NT.-  
**Start-End date:** 23/09/2005 - 22/01/2006 **Duration:** 4 months  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 6.000 €
- 63** **Name of the project:** Ajuts per a equipament i infraestructura destinats a la recerca (PEIR 2005) (Envasadora-selladora)  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**Nº of researchers:** 2  
**Funding entity or bodies:** Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR). Generalitat de Catalunya. **Type of entity:** \*\*Administracions Públiques  
**City funding entity:** 08003 Barcelona, Spain  
**Code according to the funding entity:** 2005 PEIR 0052/14  
**Start-End date:** 30/11/2005 - 2006 **Duration:** 1 month - 3 days  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 34.546,88 €
- 64** **Name of the project:** Mejora de la calidad espermática y del poder fecundante del semen inmaduro procedente de variedades del cerdo ibérico en peligro de extinción mediante la técnica de cocultivo in vitro de células epididimaria y espermatozoides  
**Type of entity:** \*\*Universitat

**Entity where project took place:** Universitat de Girona (UdG)

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**Nº of researchers:** 10

**Funding entity or bodies:**

Ministerio de Ciencia y Tecnología

**Type of entity:** \*\*Ministeri

**City funding entity:** 28071-Madrid, Spain

**Code according to the funding entity:** RZ02-013

**Start-End date:** 18/12/2002 - 17/12/2005

**Duration:** 3 years

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 45.483,8 €

**65 Name of the project:** PEIR. Ajuts per equipament i infraestructura de recerca. Modalitat B (microscopi digital/confocal)

**Entity where project took place:** Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**Nº of researchers:** 2

**Funding entity or bodies:**

Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR). Generalitat de Catalunya.

**Type of entity:** \*\*Administracions Públiques

**City funding entity:** 08003 Barcelona, Spain

**Start-End date:** 23/02/2005 - 12/2005

**Duration:** 9 months - 7 days

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 34.686,69 €

**66 Name of the project:** Desarrollo de un protocolo para la maduración in vitro de espermatozoides de verracos de la raza Piétrain

**Entity where project took place:** Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**Nº of researchers:** 10

**Funding entity or bodies:**

Ministerio de Ciencia y Tecnología

**Type of entity:** \*\*Ministeri

**City funding entity:** 28071-Madrid, Spain

**Code according to the funding entity:** AGL2002-01924

**Start-End date:** 01/12/2002 - 30/11/2005

**Duration:** 3 years

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 46.000 €

**67 Name of the project:** Diseño de un prototipo de un protocolo técnico para la mejora de la calidad espermática de las dosis seminales de porcino destinadas a inseminación artificial

**Entity where project took place:** Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**Nº of researchers:** 12

**Funding entity or bodies:**

Ministerio de Ciencia y Tecnología

**Type of entity:** \*\*Ministeri**City funding entity:** 28071-Madrid, Spain**Code according to the funding entity:** PTR1995-0761-OP**Start-End date:** 16/04/2004 - 15/10/2005**Duration:** 1 year - 6 months**Participating entity/entities:** Universitat de Girona (UdG)**Total amount:** 26.136 €**68 Name of the project:** AYUDA de la Fundació Privada Girona: Universitat i Futur para la PUBLICACIÓN DEL MONOGRÁFICO 'Técnicas de Reproducción Asistida en Porcino'**Entity where project took place:** Universitat de Girona (UdG)**Type of entity:** \*\*Universitat**City of entity:** 17071 - Girona, Spain**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull**Nº of researchers:** 6**Funding entity or bodies:**

Fundació Privada Girona: Universitat i Futur

**Type of entity:** \*\*Sense Classificar**City funding entity:** Unknown**Start-End date:** 01/01/2004 - 31/12/2004**Duration:** 1 year**Participating entity/entities:** Universitat de Girona (UdG)**Total amount:** 2.000 €**69 Name of the project:** Red Temática de Biología de la Reproducción**Entity where project took place:** Universitat de Girona (UdG)**Type of entity:** \*\*Universitat**City of entity:** 17071 - Girona, Spain**Name principal investigator (PI, Co-PI....):** José Egozcue Cuixart**Nº of researchers:** 115**Funding entity or bodies:**

Altres Organismes Nacionals

**Type of entity:** \*\*Sense Classificar**City funding entity:** Unknown**Code according to the funding entity:** 2002XT-00050**Start-End date:** 01/01/2003 - 31/12/2004**Duration:** 2 years**Participating entity/entities:** Universitat de Girona (UdG)**Total amount:** 6.750 €**70 Name of the project:** Grup de millora del rendiment reproductiu en porcí**Entity where project took place:** Universitat de Girona (UdG)**Type of entity:** \*\*Universitat**City of entity:** 17071 - Girona, Spain**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull**Funding entity or bodies:**

Departament d'Universitats, Recerca i Societat de la Informació de la Generalitat de Catalunya (DURSI)

**Type of entity:** \*\*Departament**City funding entity:** 08003-Barcelona, Spain**Start-End date:** 20/12/2001 - 19/12/2004**Duration:** 3 years**Participating entity/entities:** Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR). Generalitat de Catalunya.**Total amount:** 24.040,41 €



- 71 Name of the project:** Red Nacional de Reproducción Asistida en Porcino  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**Nº of researchers:** 2  
**Funding entity or bodies:** Ministerio de Agricultura, Pesca y Alimentación **Type of entity:** \*\*Ministeri  
**City funding entity:** Madrid, Spain  
**Code according to the funding entity:** AE00-109  
**Start-End date:** 31/03/2003 - 30/12/2003 **Duration:** 9 months  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 3.500 €
- 72 Name of the project:** Ajuts d'infraestructura (PIR) (Fotomicroscopi)  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**Nº of researchers:** 3  
**Funding entity or bodies:** Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR). Generalitat de Catalunya. **Type of entity:** \*\*Administracions Públiques  
**City funding entity:** 08003 Barcelona, Spain  
**Code according to the funding entity:** 2003PIRA 00180  
**Start-End date:** 30/09/2003 - 12/2003 **Duration:** 2 months - 2 days  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 37.282,02 €
- 73 Name of the project:** Ajuts d'Infraestructura (PIR) (Cambra de cultiu de teixits)  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**Nº of researchers:** 3  
**Funding entity or bodies:** Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR). Generalitat de Catalunya. **Type of entity:** \*\*Administracions Públiques  
**City funding entity:** 08003 Barcelona, Spain  
**Code according to the funding entity:** 2002PIRA 00143  
**Start-End date:** 24/03/2003 - 12/2003 **Duration:** 8 months - 8 days  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Total amount:** 22.903 €
- 74 Name of the project:** InfCT-2017.43  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Elisabeth Pinart Nadal  
**Nº of researchers:** 6

**Funding entity or bodies:**

Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City funding entity:** 17071 - Girona, Spain

**Code according to the funding entity:** InfCT-2017.43

**Start date:** 21/03/2018

**Participating entity/entities:** Universitat de Girona (UdG)

**Total amount:** 7.612,5 €

**R&D non-competitive contracts, agreements or projects with public or private entities**

**1 Name of the project:** Treball conjunt en el camp de l'anàlisi de les cèl·lules endotelials per citometria de flux

**Degree of contribution:** Researcher

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI...):** Elisabeth Pinart Nadal; Marc Yeste Oliveras; Sergi Bonet Marull

**Nº of researchers:** 3

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

Institut d'Investigació Biomèdica de Girona Dr. Josep Trueta (IDIBGI) **Type of entity:** \*\*Fundacions

**City funding entity:** 17190-Salt (Girona), Spain

**Code according to the funding entity:** R026/22 21/03/2022

**Start date:** 15/03/2022

**Duration:** 1 year - 4 months - 16 days

**2 Name of the project:** Treball conjunt en el camp de la reproducció en la biotecnologia

**Degree of contribution:** Coordinator of total project, network or consortium

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI...):** Marc Yeste Oliveras; Jordi Ribas Maynou

**Nº of researchers:** 10

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

Fertilab, Institut Català de la Fertilitat SL. **Type of entity:** \*\*Empreses

**City funding entity:** Barcelona, Spain

**Code according to the funding entity:** R046/21 24/05/2021

**Start date:** 01/02/2021

**Duration:** 3 years - 11 months

**3 Name of the project:** Treball conjunt en el camp de la reproducció en la biotecnologia

**Degree of contribution:** Coordinator of total project, network or consortium

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI...):** Marc Yeste Oliveras; Jordi Ribas Maynou

**Nº of researchers:** 10

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**



Clínica Unitat d'Endocrinologia Ginecològica (UEG) **Type of entity:** \*\*Col·legis Professionals  
**City funding entity:** Vic, Spain

**Code according to the funding entity:** R045/21 24/05/2021

**Start date:** 01/01/2021

**Duration:** 4 years

**4 Name of the project:** Efectos de la adición de microalgas, vitaminas sobre la calidad espermática y la conservación del semen porcino

**Degree of contribution:** Coordinator of total project, network or consortium

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull; Marc Yeste Oliveras

**Nº of researchers:** 9

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

Semen Cardona S.L.

**Type of entity:** \*\*Indústria Química, Farmacèutica i dels plàstics

**City funding entity:** 08261 Cardona, Spain

**Code according to the funding entity:** 054/20 20/10/2020

**Start date:** 01/08/2020

**Duration:** 8 months - 29 days

**Total amount:** 95.914,8 €

**5 Name of the project:** Study on sperm cryopreservation and cryoprotecnats

**Degree of contribution:** Coordinator of total project, network or consortium

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras

**Nº of researchers:** 1

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

General Electric Healthcare

**Type of entity:** \*\*Fabricació de Maquinària i Material Elèctric i Electrònic

**City funding entity:** United Kingdom

**Code according to the funding entity:** 048/19 31/07/2019

**Start date:** 01/09/2019

**Duration:** 5 months - 27 days

**Total amount:** 10.000 €

**6 Name of the project:** Impacto de distintos diluyentes para la conservación del semen porcino sobre la calidad espermática y el control de la contaminación microbiana

**Degree of contribution:** Coordinator of total project, network or consortium

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras

**Nº of researchers:** 9

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

MAGAPOR S.L.

**Type of entity:** \*\*Empreses

**City funding entity:** EJEA DE LOS CABALLEROS - 50600, Spain



**Code according to the funding entity:** 055/19 15/10/2019

**Start date:** 01/07/2019

**Duration:** 30 days

**Total amount:** 2.780 €

**7 Name of the project:** Estudi de les bases moleculars del col·lapse i reexpansió de blastocists humans

**Degree of contribution:** Researcher

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Elisabeth Pinart Nadal

**Nº of researchers:** 8

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

Clínica Girona

**Type of entity:** \*\*Sense Classificar

**City funding entity:** Spain

**Code according to the funding entity:** R055/19 04/07/2019

**Start date:** 13/06/2019

**Duration:** 5 years - 6 months - 18 days

**8 Name of the project:** Jornades de formació per actualitzar els coneixements en qualitat espermàtica, criopreservació i fecundació in vitro en l'espècie porcina

**Degree of contribution:** Coordinator of total project, network or consortium

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras; Estela Garcia Bonavila

**Nº of researchers:** 2

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

GRUP REPORK SA

**Type of entity:** \*\*Indústria de l'Alimentació

**City funding entity:** Les Masies de la Roda, Spain

**Code according to the funding entity:** CS037-19 07/05/2019

**Start date:** 06/11/2018

**Duration:** 7 days

**Total amount:** 1.200 €

**9 Name of the project:** Millora de l'anàlisi i de la conservació de dosis seminals refrigerades de mascles reproductors porcins

**Degree of contribution:** Coordinator of total project, network or consortium

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras

**Nº of researchers:** 10

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

Sergal Gestió Ramdera. S.L.

**Type of entity:** \*\*Indústria de l'Alimentació

**City funding entity:** 25310 Agramunt, Spain

**Code according to the funding entity:** 044/18 19/11/18

**Start date:** 01/10/2018

**Duration:** 4 years - 11 months - 29 days





- 10** **Name of the project:** Nueva estrategia para la mejora de la eficiencia reproductiva en ganado porcino  
**Degree of contribution:** Coordinator of total project, network or consortium  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras  
**Nº of researchers:** 11  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Funding entity or bodies:** MAGAPOR S.L. **Type of entity:** \*\*Empreses  
**City funding entity:** EJEJA DE LOS CABALLEROS - 50600, Spain  
**Code according to the funding entity:** 017/18 20/02/2018  
**Start date:** 01/03/2018 **Duration:** 10 months - 29 days  
**Total amount:** 6.000 €
- 11** **Name of the project:** Rsearch Project about sex-sorting of mammalian spermatozoa  
**Degree of contribution:** Coordinator of total project, network or consortium  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras  
**Nº of researchers:** 9  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Funding entity or bodies:** ECO ANIMAL HEALTH LTD **Type of entity:** \*\*Empreses  
**City funding entity:** Multiva-Baja (Navarra), United Kingdom  
**Code according to the funding entity:** 010/18 07/02/2018  
**Start date:** 01/02/2018 **Duration:** 2 years - 11 months - 30 days  
**Total amount:** 45.225,55 €
- 12** **Name of the project:** Projecte de Investigació sobre el disseny de diluents lliures d'antibiòtics per semen de porcí refrigerat.  
**Degree of contribution:** Coordinator of total project, network or consortium  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras  
**Nº of researchers:** 10  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Funding entity or bodies:** Semen Cardona S.L. **Type of entity:** \*\*Indústria Química, Farmacèutica i dels plàstics  
**City funding entity:** 08261 Cardona, Spain  
**Code according to the funding entity:** 007/18 01/02/2018  
**Start date:** 01/12/2017 **Duration:** 2 years  
**Total amount:** 20.000 €
- 13** **Name of the project:** The seasonal effects on boar sperm quality and their ability to achieve in vitro capacitation.  
**Degree of contribution:** Coordinator of total project, network or consortium



**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras

**Nº of researchers:** 9

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

Yxia

**Type of entity:** \*\*Indústria Química, Farmacèutica i dels plàstics

**City funding entity:** Saint Gilles, Remmes, France

**Code according to the funding entity:** 048/17 21/11/2017

**Start date:** 01/10/2017

**Duration:** 4 years

**Total amount:** 78,4 €

**14 Name of the project:** Avaluar la relació entre raça i la criotolerància espermàtica de les ejaculacions porcines

**Degree of contribution:** Coordinator of total project, network or consortium

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras

**Nº of researchers:** 8

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

Semen Cardona S.L.

**Type of entity:** \*\*Indústria Química, Farmacèutica i dels plàstics

**City funding entity:** 08261 Cardona, Spain

**Code according to the funding entity:** 049/17 21/11/2017

**Start date:** 01/09/2017

**Duration:** 4 years

**Total amount:** 4.620,34 €

**15 Name of the project:** Disminució de l'ús d'antibiòtics en el sector de la inseminació artificial porcina.

**Degree of contribution:** Coordinator of total project, network or consortium

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras

**Nº of researchers:** 10

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

Semen Cardona S.L.

**Type of entity:** \*\*Indústria Química, Farmacèutica i dels plàstics

**City funding entity:** 08261 Cardona, Spain

**Code according to the funding entity:** 039/17 31/07/2017

**Start date:** 01/06/2017

**Duration:** 2 years

**Total amount:** 48.000 €



- 16 Name of the project:** Estudi dels efectes de la fotoestimulació sobre el semencongelat/descongelat de boví  
**Degree of contribution:** Coordinator of total project, network or consortium  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras  
**Nº of researchers:** 6  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Funding entity or bodies:** INSTRUMENTS ÚTILS DE LABORATORI GenIUL, SL **Type of entity:** \*\*Sense Classificar  
**City funding entity:** 08222 Barcelona, Spain  
**Code according to the funding entity:** 057/16 28/11/2016  
**Start date:** 18/10/2016 **Duration:** 1 month  
**Total amount:** 2.689 €
- 17 Name of the project:** Estudi dels efectes de la fotoestimulació sobre el semen refrigerat de porcí  
**Degree of contribution:** Coordinator of total project, network or consortium  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras  
**Nº of researchers:** 6  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Funding entity or bodies:** INSTRUMENTS ÚTILS DE LABORATORI GenIUL, SL **Type of entity:** \*\*Sense Classificar  
**City funding entity:** 08222 Barcelona, Spain  
**Code according to the funding entity:** 058/16 28/11/2016  
**Start date:** 18/10/2016 **Duration:** 2 months  
**Total amount:** 10.854 €
- 18 Name of the project:** MTA Univerity of Oxford  
**Degree of contribution:** Coordinator of total project, network or consortium  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Marc Yeste Oliveras  
**Nº of researchers:** 1  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Funding entity or bodies:** University of Oxford **Type of entity:** \*\*Universitat  
**City funding entity:** Oxford, United Kingdom  
**Code according to the funding entity:** R063/16 19/07/2016  
**Start date:** 12/07/2016 **Duration:** 33 years - 5 months - 21 days
- 19 Name of the project:** Servei regular de criopreservació d'ejaculats de mascles porcins en nitrogen líquid  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat



**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**N° of researchers:** 3  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Funding entity or bodies:** Selecció Batallé, S.A. **Type of entity:** \*\*Sense Classificar  
**City funding entity:** Unknown  
**Code according to the funding entity:** CS043/15 08/05/2015  
**Start date:** 17/03/2015 **Duration:** 3 months  
**Total amount:** 2.006,2 €

**20 Name of the project:** Recerca sobre cultius cel·lulars emprant teixits procedents de models animals  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull  
**N° of researchers:** 9  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Funding entity or bodies:** Sevibe Cells, S.L. **Type of entity:** \*\*Indústria Química, Farmacèutica i dels plàstics  
**City funding entity:** 08290 Cerdanyola del Valles, Spain  
**Code according to the funding entity:** 052/14 25/09/2014  
**Start date:** 01/06/2014 **Duration:** 3 years - 9 months  
**Total amount:** 7.200 €

**21 Name of the project:** Millorar el diagnòstic de la qualitat espermàtica i optimitzar els porcs i las dosis seminals obtingudes per l'inseminació artificial.  
**Degree of contribution:** Coordinator of total project, network or consortium  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull; Marc Yeste Oliveras  
**N° of researchers:** 3  
**Participating entity/entities:** Universitat de Girona (UdG)  
**Funding entity or bodies:** LANDATA **Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca  
**City funding entity:** Saint Gilles (France), France  
**Code according to the funding entity:** 029/13 28/05/13  
**Start date:** 01/06/2013 **Duration:** 2 years  
**Total amount:** 70.000 €

**22 Name of the project:** Obtenció d'un KIT de determinació de la quantitat de HSP60 i Fertilina que permeti la valoració de la qualitat espermàtica dels porcs.  
**Degree of contribution:** Coordinator of total project, network or consortium  
**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
**City of entity:** 17071 - Girona, Spain



**Name principal investigator (PI, Co-PI...):** Sergi Bonet Marull; Marc Yeste Oliveras

**N° of researchers:** 3

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

LANDATA

**Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca

**City funding entity:** Saint Gilles (France), France

**Code according to the funding entity:** 028/13 28/05/13

**Start date:** 01/04/2013

**Duration:** 1 year - 1 month

**Total amount:** 45.000 €

**23 Name of the project:** Research project Electromagnetic fields as an anti-microorganisms technique during the refrigeration of boar semen preservation

**Degree of contribution:** Coordinator of total project, network or consortium

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI...):** Sergi Bonet Marull; Marc Yeste Oliveras

**N° of researchers:** 3

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

IMV Technologies

**Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca

**City funding entity:** Aigle, France

**Code according to the funding entity:** 070/12 28/11/12

**Start date:** 02/01/2013

**Duration:** 1 year - 7 months - 21 days

**Total amount:** 59.750 €

**24 Name of the project:** Desarrollo del estudio 'Determinación de variaciones génicas asociadas a TDAH'.

**Degree of contribution:** Researcher

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI...):** Sergi Bonet Marull

**N° of researchers:** 2

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

AB-BIOTICS Producciones Industriales de Microbiotas, SL

**Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca

**City funding entity:** 08290 Cerdanyola del Vallès, Spain

**Code according to the funding entity:** 015/12 08/03/12

**Start date:** 28/02/2012

**Duration:** 4 months - 3 days

**Total amount:** 2.000 €

**25 Name of the project:** Research Project entitled 'Developing a sperm concentration assessment by colorimetric methods'.

**Degree of contribution:** Researcher

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain



**Name principal investigator (PI, Co-PI...):** Sergi Bonet Marull

**N° of researchers:** 2

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

Ibersan Portugal, SL

**Type of entity:** \*\*Empreses

**City funding entity:** Lourinhã - Portugal, Spain

**Code according to the funding entity:** 016/12 12/03/12

**Start date:** 01/02/2012

**Duration:** 4 months

**Total amount:** 2.821,31 €

**26 Name of the project:** Convenio donde se establecen los conceptos de apoyo y colaboración de la UdG a la Universidad Nacional Agraria de Nicaragua

**Degree of contribution:** Researcher

**Entity where project took place:** Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI...):** Sergi Bonet Marull

**N° of researchers:** 9

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

Universidad Nacional Agraria

**Type of entity:** \*\*Administracions Públiques

**City funding entity:** Nicaragua, Nicaragua

**Code according to the funding entity:** R076/12 11/12/12

**Start date:** 25/05/2011

**Duration:** 3 years - 11 months - 19 days

**27 Name of the project:** Desenvolupament del projecte titulat 'Mejora de un diluyente de refrigeración de corta duración para la conservación de muestras seminales refrigeradas y destinadas a inseminación artificial'

**Degree of contribution:** Coordinator of total project, network or consortium

**Entity where project took place:** Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI...):** Sergi Bonet Marull; Marc Yeste Oliveras

**N° of researchers:** 6

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

CIDOSA, SL

**Type of entity:** \*\*Fabricació de Maquinària i Material Elèctric i Electrònic

**City funding entity:** 43006 - TARRAGONA, Spain

**Code according to the funding entity:** 015/11 16/03/11

**Start date:** 01/12/2010

**Duration:** 5 months

**Total amount:** 3.655 €

**28 Name of the project:** Desviación de la sex-ratio de la descendencia en porcino a favor de las hembras a partir de métodos de manipulación de las dosis seminales o de los eyaculados por parte del grupo de investigación.

**Degree of contribution:** Coordinator of total project, network or consortium

**Entity where project took place:** Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI...):** Sergi Bonet Marull; Marc Yeste Oliveras



**Nº of researchers:** 12

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

LANDATA

**Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca

**City funding entity:** Saint Gilles (France), France

**Code according to the funding entity:** 057/10 20/07/10

**Start date:** 01/11/2010

**Duration:** 1 year - 2 months

**Total amount:** 65.000 €

**29 Name of the project:** Projecte de investigació 'Improving Porcine Reproductive Performance:molecular markers (refrigerated semen) and post-CAI with frozen/thawed sperm.

**Degree of contribution:** Coordinator of total project, network or consortium

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI...):** Sergi Bonet Marull; Marc Yeste Oliveras

**Nº of researchers:** 2

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

LANDATA

**Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca

**City funding entity:** Saint Gilles (France), France

**Code according to the funding entity:** 069/10 08/10/2010

**Start date:** 01/11/2010

**Duration:** 3 years

**Total amount:** 122.600 €

**30 Name of the project:** Diseño y desarrollo de un prediluyente aséptico desinfectante del eyaculado de semen porcino.

**Degree of contribution:** Coordinator of total project, network or consortium

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI...):** Sergi Bonet Marull; Marc Yeste Oliveras

**Nº of researchers:** 3

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

MAGAPOR S.L.

**Type of entity:** \*\*Empreses

**City funding entity:** EJE A DE LOS CABALLEROS - 50600, Spain

**Code according to the funding entity:** 036/10 20/05/2010

**Start date:** 30/07/2010

**Duration:** 1 year

**Total amount:** 12.000 €

**31 Name of the project:** Asesoramiento del proyecto de investigacion sobre 'Centro de Referencia para Sudamerica y Centroamérica en Biotecnología Reproductiva humana o Animal'

**Degree of contribution:** Researcher

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI...):** Sergi Bonet Marull

**Nº of researchers:** 4

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

Universidad Nacional Agraria

**Type of entity:** \*\*Administracions Públiques

**City funding entity:** Nicaragua, Nicaragua

**Code according to the funding entity:** R50/10 17/09/2010

**Start date:** 13/05/2010

**Duration:** 3 years

**32 Name of the project:** Realització del projecte 'Mejora de los protocolos de vitrificación embrionaria en porcino: obtención y conservación de ovocitos, fecundación in vitro, vitrificación embrionaria y transferencia de embriones'

**Degree of contribution:** Researcher

**Entity where project took place:** Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**Nº of researchers:** 2

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

Servicios Genéticos Porcinos SA

**Type of entity:** \*\*Sense Classificar

**City funding entity:** Unknown

**Code according to the funding entity:** 063/09 01/10/09

**Start date:** 01/01/2010

**Duration:** 2 years - 30 days

**Total amount:** 85.000 €

**33 Name of the project:** Centro TECHNOSPERM (Biotecnología de la Reproducción Porcina) de la Red IT del CIDEM (Red de Centros de Soporte a la Innovación Tecnológica y Desarrollo Empresarial de la Generalitat de Catalunya)

**Degree of contribution:** Researcher

**Entity where project took place:** Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**Nº of researchers:** 11

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

Centre d'Innovació i Desenvolupament Empresarial (CIDEM)

**Type of entity:** \*\*Organisme Autònom

**City funding entity:** 08037-Barcelona, Spain

**Code according to the funding entity:** TechnoSperm-XarxaIT-CIDEM

**Start date:** 01/09/2009

**Duration:** 1 year

**Total amount:** 50.000 €

**34 Name of the project:** Projecte 'EUREKA E 4427 MAGAPLUS-DD: Sonda semirrígida con sistema de doble desposición para inseminación transcervical porcina.

**Degree of contribution:** Coordinator of total project, network or consortium

**Entity where project took place:** Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull; Marc Yeste Oliveras





**Nº of researchers:** 3

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

MAGAPOR S.L.

**Type of entity:** \*\*Empreses

**City funding entity:** EJEA DE LOS CABALLEROS - 50600, Spain

**Code according to the funding entity:** 007/09 05/03/09

**Start date:** 19/02/2009

**Duration:** 2 years

**Total amount:** 101.000 €

**35 Name of the project:** Desenvolupament del projecte titulat 'Mejora de un diluyente de refrigeración de corta duración para la conservación de muestras seminales refrigeradas y destinadas a inseminación artificial'

**Degree of contribution:** Coordinator of total project, network or consortium

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI...):** Sergi Bonet Marull; Marc Yeste Oliveras

**Nº of researchers:** 4

**Participating entity/entities:** Altres Organismes Nacionals

**Funding entity or bodies:**

CIDOSA, SL

**Type of entity:** \*\*Fabricació de Maquinària i Material Elèctric i Electrònic

**City funding entity:** 43006 - TARRAGONA, Spain

**Code according to the funding entity:** 097/08 25/112008

**Start date:** 15/10/2008

**Duration:** 4 months

**Total amount:** 7.370 €

**36 Name of the project:** Realització de serveis d'anàlisi seminal i congelació de semen en el marc de la creació d'un Banc de Germoplasma de Reproductors Porcins Selectes

**Degree of contribution:** Researcher

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI...):** Sergi Bonet Marull

**Nº of researchers:** 3

**Participating entity/entities:** Altres Organismes Nacionals

**Funding entity or bodies:**

Institut de Recerca i Tecnologia Agroalimentàries (IRTA)

**Type of entity:** \*\*Empreses

**City funding entity:** 08140-Caldes de Montbui (Barcelona), Spain

**Code according to the funding entity:** 068/08 17/09/2008

**Start date:** 01/09/2008

**Duration:** 9 years - 6 months

**Total amount:** 10.431,12 €

**37 Name of the project:** Addenda per a impulsar el centre de biotecnologia de la reproducció porcina (Technosperm) a la Xarxa de Centres de Suport a la Innovació Tecnològica

**Degree of contribution:** Researcher

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI...):** Sergi Bonet Marull



**Nº of researchers:** 2

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

Departament d'Innovació, Universitats i Empresa de la Generalitat de Catalunya (DIUE) **Type of entity:** \*\*Departament

**City funding entity:** 08008-Barcelona, Spain

Centre d'Innovació i Desenvolupament Empresarial (CIDEM) **Type of entity:** \*\*Organisme Autònom

**City funding entity:** 08037-Barcelona, Spain

**Code according to the funding entity:** ADR46/07 24/11/08

**Start date:** 30/06/2008

**Duration:** 6 months

**Total amount:** 50.000 €

**38 Name of the project:** Estudi sobre l'evaluació i anàlisi de la qualitat espermàtica de les dosis seminals de veracos, per a determinar la seva conservació al segon i vuitè dia de refrigeració

**Degree of contribution:** Researcher

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**Nº of researchers:** 2

**Participating entity/entities:** Altres Organismes Nacionals

**Funding entity or bodies:**

Kubus S.A.

**Type of entity:** \*\*Sense Classificar

**City funding entity:** 28232 LAS ROZAS DE MADRID, Spain

**Code according to the funding entity:** 045/08 04/07/2008

**Start date:** 23/06/2008

**Duration:** 7 months - 23 days

**Total amount:** 6.780 €

**39 Name of the project:** Conveni adscripció del centre de biotecnologia de la reproducció porcina (Technosperm) a la Xarca de Centres de Suport a la Innovació Tecnològica

**Degree of contribution:** Researcher

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**Nº of researchers:** 1

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

Departament d'Innovació, Universitats i Empresa de la Generalitat de Catalunya (DIUE) **Type of entity:** \*\*Departament

**City funding entity:** 08008-Barcelona, Spain

Centre d'Innovació i Desenvolupament Empresarial (CIDEM) **Type of entity:** \*\*Organisme Autònom

**City funding entity:** 08037-Barcelona, Spain

**Code according to the funding entity:** R46/07 07/01/08

**Start date:** 29/06/2007

**Duration:** 1 year



**40 Name of the project:** Identificación de los requerimientos nutricionales específicos (suplementos dietéticos) para verracos y elaboración de piensos compuestos específicos para razas y líneas porcinas, con el fin de optimizar y estabilizar su eficiencia reproductiva

**Degree of contribution:** Researcher

**Entity where project took place:** Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**Nº of researchers:** 3

**Participating entity/entities:** Altres Organismes Nacionals

**Funding entity or bodies:**

UPB SEMEN S.L

**Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca

**City funding entity:** 08673 Viver i Serrateix, Spain

**Code according to the funding entity:** 001/06 16/01/06

**Start date:** 01/02/2006

**Duration:** 1 year - 11 months

**Total amount:** 84.000 €

**41 Name of the project:** Conveni de Col·laboració Biogirona Universitat de Girona per al projecte 'Crioconservació espermàtica: Estudi de lesions cel·lulars al llarg del procés de congelació i descongelació del semen porcí'

**Degree of contribution:** Researcher

**Entity where project took place:** Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**Nº of researchers:** 3

**Participating entity/entities:** Altres Organismes Nacionals

**Funding entity or bodies:**

Biogirona

**Type of entity:** \*\*Indústria Química, Farmacèutica i dels plàstics

**City funding entity:** 17402- Riudarenes, Spain

**Code according to the funding entity:** 033/05 18/04/05

**Start date:** 15/04/2005

**Duration:** 2 years - 5 months - 15 days

**Total amount:** 144.294,72 €

**42 Name of the project:** Estudi dels efectes de l'addicció de determinades substàncies a la fracció rica dels ejaculats sobre la qualitat de les dosis seminals refrigerades i sobre la qualitat d'aquestes en cocultiu amb cèl·lules oviductals procedents del reservori espermàtic

**Degree of contribution:** Researcher

**Entity where project took place:** Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**Nº of researchers:** 7

**Participating entity/entities:** Altres Organismes Nacionals

**Funding entity or bodies:**

Disora, SL

**Type of entity:** \*\*Indústria Química, Farmacèutica i dels plàstics

**City funding entity:** Spain

**Code according to the funding entity:** 010/05 31/01/05



**Start date:** 01/01/2005  
**Total amount:** 15.000 €

**Duration:** 1 year - 4 days

**43 Name of the project:** Estudi per a valorar la qualitat espermàtica de reproductors porcins utilitzant diferents diluents de llarga conservació

**Degree of contribution:** Researcher

**Entity where project took place:** Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI...):** Sergi Bonet Marull

**Nº of researchers:** 11

**Participating entity/entities:** Altres Organismes Nacionals

**Funding entity or bodies:**

Disora, SL

**Type of entity:** \*\*Indústria Química, Farmacèutica i dels plàstics

**City funding entity:** Spain

Universitat Autònoma de Barcelona (UAB)

**Type of entity:** \*\*Universitat

**City funding entity:** 08193-Bellaterra, Spain

**Code according to the funding entity:** 111/04 17/11/04

**Start date:** 01/11/2004

**Duration:** 1 month - 29 days

**Total amount:** 3.000 €

**44 Name of the project:** Creación del Centro Mixto Universidad/Empresa "Biotecnología de la Reproducción Porcina" en el marco del Parque Científico y tecnológico de la Universidad de Girona

**Degree of contribution:** Researcher

**Entity where project took place:** Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI...):** Sergi Bonet Marull

**Nº of researchers:** 10

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

Semen Cardona S.L.

**Type of entity:** \*\*Indústria Química, Farmacèutica i dels plàstics

**City funding entity:** 08261 Cardona, Spain

Selección Batallé, S.A.

**Type of entity:** \*\*Sense Classificar

**City funding entity:** Unknown

Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City funding entity:** 17071 - Girona, Spain

Fundación del Parque Científico de la Universidad de Girona **Type of entity:** \*\*Sense Classificar

**City funding entity:** Unknown

**Start date:** 2004

**45 Name of the project:** Estudio de la calidad espermática de los eyaculados de machos Hypor

**Degree of contribution:** Researcher

**Entity where project took place:** Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**Nº of researchers:** 10

**Participating entity/entities:** Universitat de Girona (UdG)

**Funding entity or bodies:**

Nutrivall, S.L.

**Type of entity:** \*\*Sense Classificar

**City funding entity:** Unknown

Universitat de Girona (UdG)

**Type of entity:** \*\*Universitat

**City funding entity:** 17071 - Girona, Spain

**Start date:** 2004

**Total amount:** 1.753,92 €

**46 Name of the project:** Projecte d'investigació per a la millora del rendiment productiu de verracos Pietrain

**Degree of contribution:** Researcher

**Entity where project took place:** Universitat de Girona (UdG) **Type of entity:** \*\*Universitat

**City of entity:** 17071 - Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Bonet Marull

**Nº of researchers:** 2

**Participating entity/entities:** Altres Organismes Nacionals

**Funding entity or bodies:**

Granja Migjorn SAT 1440

**Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca

**City funding entity:** 08670-Castelladral-Navas, Spain

**Code according to the funding entity:** 075/03 03/10/03

**Start date:** 01/09/2003

**Duration:** 1 year - 11 months - 3 days

**Total amount:** 45.600 €

## Results

### Industrial and intellectual property

**1 Title registered industrial property:** Method and apparatus for improving the quality of mammalian sperm

**Description of qualities:** The method comprises irradiating said sperm cells with non-coherent red light, the irradiation with non-coherent red light being performed in a discontinuous manner according to a pattern including at least one sequence of two irradiation periods of specific durations which are separated by an intermediate period of darkness of a specific duration, wherein the sperm cells are diluted in a diluent with cryo-preserved solutes and are included in said container in a frozen state, and said discontinuous pattern comprise a duration between 3 and 15 minutes.

**Type of industrial property:** Intellectual Property

**Inventors/authors/obtainers:** Codony, F.; Bonet, S.; Yeste, M.; Rodríguez-Gil, J.E.

**Entity holder of rights:** INSTRUMENTS ÚTILS DE LABORATORI GenIUL, SL

**Country of inscription:** United Kingdom

**Date of register:** 16/11/2016

**Conferral date:** 16/11/2016

**Nº of patent:** 16199093

**EU patent:** Yes

**Operating aut.region/region:** United Kingdom / Austria / France / Spain / Germany / Switzerland / Portugal / Denmark / Norway / Italy

**Companies:** INSTRUMENTS ÚTILS DE LABORATORI GenIUL, SL

- 2** **Title registered industrial property:** Method and apparatus for improving the quality of mammalian sperm  
**Type of industrial property:** Patent of invention  
**Inventors/authors/obtainers:** Sergi Bonet Marull; Marc Yeste Oliveras; Juan Enrique Rodriguez Gil; Francesc Codony Iglesias  
**Entity holder of rights:** INSTRUMENTS ÚTILS DE LABORATORI GenIUL, SL  
**N° of application:** 16199093.2  
**Country of inscription:** Unknown  
**Date of register:** 16/11/2016  
**International non-EU patent:** Yes

## Scientific and technological activities

### Scientific production

#### Publications, scientific and technical documents

- 1** Salas-Huetos, A.; Mínguez-Alarcón, L.; Mitsunami, M.; Arvizu, M.; Ford, J.B.; Souter, I.; Yeste, M.; Chavarro, J.E.; for the EARTH Study Team. Paternal adherence to healthy dietary patterns in relation to sperm parameters and outcomes of assisted reproductive technologies. *Fertility and Sterility*. 117 - 2, pp. 298 - 312. (United States of America): Elsevier, 2022. ISSN 0015-0282  
**DOI:** <https://doi.org/10.1016/j.fertnstert.2021.10.021>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 7  
**Total no. authors:** 8
- 2** Ribas-Maynou, J.; Mateo-Otero, Y.; Sanchez-Quijada, M.; Recuero, S.; Delgado-Bermúdez, A.; Llavanera, M.; Yeste, M. Telomere length in pig sperm is related to in vitro embryo development outcomes. *Animals*. 12 - 2, pp. 204. (Switzerland): MDPI (Multidisciplinary Digital Publishing Institute), 2022. ISSN 2076-2615  
**DOI:** <https://doi.org/10.3390/ani12020204>  
**Handle:** <http://hdl.handle.net/10256/20410>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 7  
**Total no. authors:** 7
- 3** Mateo-Otero, Y.; Ribas-Maynou, J.; Delgado-Bermúdez, A.; Llavanera, M.; Recuero, S.; Barranco, I.; Yeste, M. Aldose Reductase B1 in pig sperm is related to their function and fertilizing ability. *Frontiers In Endocrinology*. 13 - art.núm.77324, (Switzerland): 2022. ISSN 1664-2392  
**DOI:** <https://doi.org/10.3389/fendo.2022.773249>  
**Handle:** <http://hdl.handle.net/10256/20573>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 7  
**Total no. authors:** 7 **Corresponding author:** Yes
- 4** Catalán, J.; Yáñez-Ortiz, I.; Tvarijonaviciute, A.; González-Arostegui, L.G.; Rubio, C.P.; Yeste, M.; Miró, J.; Barranco, I. Impact of seminal plasma antioxidants on donkey sperm cryotolerance. *Antioxidants*. 11 - 2, pp. 417. (Switzerland): MDPI (Multidisciplinary Digital Publishing Institute), 2022. ISSN 2076-3921  
**DOI:** <https://doi.org/10.3390/antiox11020417>  
**Handle:** <http://hdl.handle.net/10256/20735>



**Type of production:** Scientific paper  
**Position of signature:** 6  
**Total no. authors:** 8

**Format:** Journal

- 5** Delgado-Bermúdez, A.; Ribas-Maynou, J.; Yeste, M. Relevance of aquaporins for gamete function and cryopreservation. *Animals*. 12 - 5, pp. 573. (Switzerland): MDPI (Multidisciplinary Digital Publishing Institute), 2022. ISSN 2076-2615

**DOI:** <https://doi.org/10.3390/ani12050573>  
**Handle:** <http://hdl.handle.net/10256/20676>

**Type of production:** Scientific paper  
**Position of signature:** 3  
**Total no. authors:** 3

**Format:** Journal

**Corresponding author:** Yes

- 6** Morales, B.; Spadetto, L.; Calvo, M.A.; Yeste, M.; Arosemena, L.; Rigau, T.; Rivera del Álamo, M.M. Evaluation of the probiotic in vitro potential of lactic acid-producing bacteria from canine vagina: Possible role on vaginal health. *Animals*. 12 - 6, pp. 796. (Switzerland): MDPI (Multidisciplinary Digital Publishing Institute), 2022. ISSN 2076-2615

**DOI:** <https://doi.org/10.3390/ani12060796>  
**Handle:** <http://hdl.handle.net/10256/20802>

**Type of production:** Scientific paper  
**Position of signature:** 4  
**Total no. authors:** 7

**Format:** Journal

- 7** Llavanera, M.; Mисley, B.; Blanco-Prieto, O.; Baldassarro, V.A.; Mateo-Otero, Y.; Spinaci, M.; Yeste, M.; Bucci, D. Assessment of sperm mitochondrial activity by flow cytometry and fluorescent microscopy: a comparative study of mitochondrial fluorescent probes in bovine spermatozoa. *Reproduction, Fertility and Development*. 34 - 9, pp. 679 - 688. (Australia): CSIRO Publishing, 2022. ISSN 1031-3613

**DOI:** <https://doi.org/10.1071/RD21355>

**Type of production:** Scientific paper  
**Position of signature:** 7  
**Total no. authors:** 8

**Format:** Journal

- 8** Muñoz, E.L.; Fuentes, F.B.; Felmer, R.N.; Yeste, M.; Arias, M.E. Extracellular vesicles in mammalian reproduction: a review. *Zygote*. 30 - 4, pp. 440 - 463. (United States of America): 2022. ISSN 0967-1994

**DOI:** <https://doi.org/10.1017/S0967199422000090>

**Type of production:** Scientific paper  
**Position of signature:** 4  
**Total no. authors:** 5

**Format:** Journal

- 9** Mateo-Otero, Y.; Llavanera, M.; Recuero, S.; Delgado-Bermúdez, A.; Barranco, I.; Ribas-Maynou, J.; Yeste, M. Sperm DNA damage compromises embryo development, but not oocyte fertilisation in pigs. *Biological Research*. 55 - Art.num. 15, pp. 1 - 12. (Chile): 2022. ISSN 0716-9760

**DOI:** <https://doi.org/10.1186/s40659-022-00386-2>

**Handle:** <http://hdl.handle.net/10256/20865>

**Type of production:** Scientific paper  
**Position of signature:** 7  
**Total no. authors:** 7

**Format:** Journal

**Corresponding author:** Yes

- 10** Salas-Huetos, A.; Arvizu, M.; Mínguez-Alarcón, L.; Mitsunami, M.; Ribas-Maynou, J.; Yeste, M.; Ford, J.B.; Souter, I.; Chavarro, J.E.; EARTH Study Team. Women's and men's intake of omega-3 fatty acids and their food sources and assisted reproductive technologies outcomes. *American Journal of Obstetrics and Gynecology*. 227 - 2, (United States of America): Elsevier, 2022. ISSN 0002-9378

**DOI:** <https://doi.org/10.1016/j.ajog.2022.03.053>



**Type of production:** Scientific paper  
**Position of signature:** 6  
**Total no. authors:** 9

**Format:** Journal

- 11** Barranco, I.; Salas-Huetos, A.; Berlanga, A.; Spinaci, M.; Yeste, M.; Ribas-Maynou, J. Involvement of extracellular vesicle-encapsulated miRNAs in human reproductive disorders: a systematic review. *Reproduction, Fertility and Development*. 34 - 11, pp. 751 - 775. (Australia): CSIRO Publishing, 2022. ISSN 1031-3613

**DOI:** <https://doi.org/10.1071/RD21301>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 5

**Total no. authors:** 6

- 12** Carrageta, D.F.; Guerra-Carvalho, B.; Spadella, M.A.; Yeste, M.; Oliveira, P.F.; Alves, M.G. Animal models of male reproductive ageing to study testosterone production and spermatogenesis. *Reviews In Endocrine & Metabolic Disorders*. (Holland): 2022. ISSN 1389-9155

**DOI:** <https://doi.org/10.1007/s11154-022-09726-9>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 4

**Total no. authors:** 6

- 13** Llavanera, M.; Delgado-Bermúdez, A.; Ribas-Maynou, J.; Salas-Huetos, A.; Yeste, M. A systematic review identifying fertility biomarkers in semen: a clinical approach through Omics to diagnose male infertility. *Fertility and Sterility*. 118, pp. 291 - 313. (United States of America): Elsevier, 2022. ISSN 0015-0282

**DOI:** <https://doi.org/10.1016/j.fertnstert.2022.04.028>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 5

**Total no. authors:** 5

**Corresponding author:** Yes

- 14** Delgado-Bermúdez, A.; Yeste, M.; Bonet, S.; Pinart, E. A review on the role of bicarbonate and proton transporters during sperm capacitation in mammals. *International Journal of Molecular Sciences*. 3 - 11, pp. 6333. (United States of America): MDPI (Multidisciplinary Digital Publishing Institute), 2022. ISSN 1422-0067

**DOI:** <https://doi.org/10.3390/ijms23116333>

**Handle:** <http://hdl.handle.net/10256/21172>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Total no. authors:** 4

- 15** Martínez-Rodero, I.; Salas-Huetos, A.; Ordóñez-León, A.; Hidalgo, C.O.; Yeste, M.; Mercadé, E.; Mogas, T. Cryoprotectant role of exopolysaccharide ID1 in the vitrification/in-straw warming of in vitro produced bovine embryos. *Reproduction in Domestic Animals*. 57 - Suppl. 5, pp. 53 - 57. (Germany): Wiley, 2022. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.14191>

**Handle:** <http://hdl.handle.net/10256/21461>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 5

**Total no. authors:** 7

- 16** Ordóñez-León, E.A.; Martínez-Rodero, I.; García-Martínez, T.; López-Béjar, M.; Yeste, M.; Mercadé, E.; Mogas, T. Exopolysaccharide ID1 improves post-warming outcomes after vitrification of in vitro produced bovine embryos. *International Journal of Molecular Sciences*. 23 - 13, pp. 7069. (United States of America): MDPI (Multidisciplinary Digital Publishing Institute), 2022. ISSN 1422-0067

**DOI:** <https://doi.org/10.3390/ijms23137069>

**Handle:** <http://hdl.handle.net/10256/21270>





**Type of production:** Scientific paper  
**Position of signature:** 5  
**Total no. authors:** 7

**Format:** Journal

- 17** Catalán, J.; Yáñez-Ortiz, I.; Tvarijonaviciute, A.; González-Aróstegui, L.G.; Rubio, C.P.; Barranco, I.; Yeste, M.\*; Miró, J.\* (\*Joint senior authors). Seminal plasma antioxidants are related to sperm cryotolerance in the horse. *Antioxidants*. 11 - 7, pp. 1279. (Switzerland): MDPI (Multidisciplinary Digital Publishing Institute), 2022. ISSN 2076-3921

**DOI:** <https://doi.org/10.3390/antiox11071279>

**Handle:** <http://hdl.handle.net/10256/21271>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 8

**Total no. authors:** 8

**Corresponding author:** Yes

- 18** Ribas-Maynou, J.; Llavanera, M.; Mateo-Otero, Y.; Ruiz, N.; Muiño, R.; Bonet, S.; Yeste, M. Telomere length in bovine sperm is related to the production of reactive oxygen species, but not to reproductive performance. *Theriogenology*. 189, pp. 290 - 300. (United States of America): Elsevier, 2022. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2022.06.025>

**Handle:** <http://hdl.handle.net/10256/21356>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 7

**Total no. authors:** 7

- 19** Ribas-Maynou, J.; Nguyen, H.; Valle, R.; Wu, H.; Yeste, M.; Ward, W.S. Sperm degradation after vasectomy follows a sperm chromatin fragmentation dependent mechanism causing DNA breaks in the toroid linker regions. *Molecular Human Reproduction*. 28 - 9, (United States of America): 2022. ISSN 1460-2407

**DOI:** <https://doi.org/10.1093/molehr/gaac029>

**Handle:** <http://hdl.handle.net/10256/21804>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 5

**Total no. authors:** 6

- 20** Garriga, F.\*; Llavanera, M.\*; Viñolas-Vergés, E.; Recuero, S.; Tamargo, C.; Delgado-Bermúdez, A.; Yeste, M. (\* Joint first authors). Glutathione S-transferase Mu 3 is associated to in vivo fertility, but not sperm quality, in bovine. *Animal*. 16 - 9, pp. 100609. (United Kingdom): 2022. ISSN 1751-7311

**DOI:** <https://doi.org/10.1016/j.animal.2022.100609>

**Handle:** <http://hdl.handle.net/10256/21558>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 7

**Total no. authors:** 7

**Corresponding author:** Yes

- 21** Algieri, C.; Blanco-Prieto, O.; Llavanera, M.; Yeste, M.; Spinaci, M.; Mari, G.; Bucci, D.; Nesci, S. Effects of cryopreservation on the mitochondrial bioenergetics of bovine sperm. *Reproduction in Domestic Animals*. (Germany): Wiley, 2022. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.14261>

**Handle:** <http://hdl.handle.net/10256/21805>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 4

**Total no. authors:** 8



- 22** Ribas-Maynou, J.; Delgado-Bermúdez, A.; Mateo-Otero, Y.; Viñolas, E.; Hidalgo, C.O.; Ward, W.S.; Yeste, M. Determination of double- and single-stranded DNA breaks in bovine sperm is predictive of their fertilizing capacity. *Journal Of Animal Science And Biotechnology*. 13 - 1, pp. 105. (China): 2022. ISSN 2049-1891  
**DOI:** <https://doi.org/10.1186/s40104-022-00754-8>  
**Handle:** <http://hdl.handle.net/10256/21789>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 7  
**Total no. authors:** 7 **Corresponding author:** Yes
- 23** Fernández-López, P.; Garriga, J.; Casas, I.; Yeste, M.; Bartumeus, F. Predicting fertility from sperm motility landscapes. *Communications Biology*. 5 - 1, pp. 1027. (United Kingdom): 2022. ISSN 2399-3642  
**DOI:** <https://doi.org/10.1038/s42003-022-03954-0>  
**Handle:** <http://hdl.handle.net/10256/21786>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 4  
**Total no. authors:** 5
- 24** Morcillo-Soler, P.; Hidalgo, C.; Fekete, Z.; Zalanyi, L.; Khalil, I.S.; Yeste, M.; Magdanz, V. Bundle formation of sperm: Influence of environmental factors. *Frontiers In Endocrinology*. 13 - art.núm. 957684, (Switzerland): 2022. ISSN 1664-2392  
**DOI:** <https://doi.org/10.3389/fendo.2022.957684>  
**Handle:** <http://hdl.handle.net/10256/21806>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 6  
**Total no. authors:** 7
- 25** Blanco-Prieto, O.; Maside, C.; Peña, A.; Ibáñez-Príncipe, J.; Bonet, S.; Yeste, M.\*; Rodríguez-Gil, J.E.\* (\*Joint senior authors). The effects of red LED light on pig sperm function rely upon mitochondrial electron chain activity rather than on a PKC-mediated mechanism. *Frontiers in Cell and Developmental Biology*. 10 - art.num. 930855, (Switzerland): Frontiers Media, 2022. ISSN 2296-634X  
**DOI:** <https://doi.org/10.3389/fcell.2022.930855>  
**Handle:** <http://hdl.handle.net/10256/21803>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 7  
**Total no. authors:** 7 **Corresponding author:** Yes
- 26** Mateo-Otero, Y.; Yeste, M.; Roca, J.; Llavanera, M.; Bucci, D.; Galeati, G.; Spinaci, M.; Barranco, I. Seminal extracellular vesicles subsets modulate gene expression in cumulus cells of porcine in vitro matured oocytes. *Scientific Reports*. 12 - art.núm. 19096, (United Kingdom): Nature Publishing Group, 2022. ISSN 2045-2322  
**DOI:** <https://doi.org/10.1038/s41598-022-22004-7>  
**Handle:** <http://hdl.handle.net/10256/22098>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 2  
**Total no. authors:** 8
- 27** Catalán, J.; Martínez-Rodero, I.; Yáñez-Ortiz, I.; Mateo-Otero, Y.; Flores Bragulat, A.; Nolis, P.; Carluccio, A.; Yeste, M.\*; Miró, J.\* (\*Joint senior authors). Metabolic profiling of preovulatory follicular fluid in jennies. *Research in Veterinary Science*. 153, pp. 127 - 136. (United Kingdom): Elsevier, 2022. ISSN 0034-5288  
**DOI:** <https://doi.org/10.1016/j.rvsc.2022.10.026>  
**Handle:** <http://hdl.handle.net/10256/22097>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 9

**Total no. authors:** 9

**Corresponding author:** Yes

- 28** Ribas-Maynou, J.; Barranco, I.; Sorolla-Segura, M.; Llavanera, M.; Delgado-Bermúdez, A.; Yeste, M. Advanced sperm selection strategies as a treatment for infertile couples: a systematic review. *International Journal of Molecular Sciences*. 23 - 22, pp. 13859. (United States of America): MDPI (Multidisciplinary Digital Publishing Institute), 2022. ISSN 1422-0067  
**DOI:** <https://doi.org/10.3390/ijms232213859>  
**Handle:** <http://hdl.handle.net/10256/22069>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 6  
**Total no. authors:** 6
- 29** Ribas-Maynou, J.; Novo, S.; Salas-Huetos, A.; Rovira, S.; Antich, M.; Yeste, M. Condensation and protamination of sperm chromatin affect ICSI outcomes when gametes from healthy individuals are used. *Human Reproduction*. 38 - 1, (United Kingdom): Oxford University Press (OUP), 2022. ISSN 0268-1161  
**DOI:** <https://doi.org/10.1093/humrep/deac261>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 6  
**Total no. authors:** 6
- 30** Ribas-Maynou, J.; Novo, S.; Torres, M.; Salas-Huetos, A.; Rovira, S.; Antich, M.; Yeste, M. Sperm DNA integrity does play a crucial role for embryo development after ICSI, notably when good-quality oocytes from young donors are used. *Biological Research*. 55 - Art. num. 41, (Chile): 2022. ISSN 0716-9760  
**DOI:** <https://doi.org/10.1186/s40659-022-00409-y>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 7  
**Total no. authors:** 7
- 31** Garcia-Grau, E.; Lleberia, J.; Costa, L.; Guitart, M.; Yeste, M.\*; Benet, J.; Amengual, M.J.; Ribas-Maynou, J. \*Corresponding author. Decline of sperm quality over the last two decades in the south of Europe: a retrospective study in infertile patients. *Biology*. 12 - 1, pp. 70. (Switzerland): MDPI (Multidisciplinary Digital Publishing Institute), 2022. ISSN 2079-7737  
**DOI:** <https://doi.org/10.3390/biology12010070>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 5  
**Total no. authors:** 8 **Corresponding author:** Yes
- 32** Pezo, F.; Yeste, M.; Zambrano, F.; Uribe, P.; Risopatrón, J.; Sánchez, R. Antioxidants and their effect on the oxidative/nitrosative stress of frozen-thawed boar sperm. *Cryobiology*. 98, pp. 5 - 11. (United States of America): Elsevier, 2021. ISSN 0011-2240  
**DOI:** <https://doi.org/10.1016/j.cryobiol.2020.11.007>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 2  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** BIOLOGY  
**Impact index in year of publication:** 2.728 **Journal in the top 25%:** No  
**Position of publication:** 50 **No. of journals in the cat.:** 94  
**Impact source:** ISI **Category:** PHYSIOLOGY  
**Impact index in year of publication:** 2.728 **Journal in the top 25%:** No  
**Position of publication:** 47 **No. of journals in the cat.:** 81

- 33** Ribeiro, J.C.; Alves, M.G.; Yeste, M.; Cho, Y.S.; Calamita, G.; Oliveira, P.F. Aquaporins and (in)fertility: more than just water transport. *Biochimica et Biophysica Acta. Molecular Basis of Disease*. 1867 - 3, pp. 166039. (Holland): Elsevier, 2021. ISSN 0925-4439  
**DOI:** <https://doi.org/10.1016/j.bbadis.2020.166039>  
**Type of production:** Scientific paper  
**Position of signature:** 3  
**Total no. authors:** 6  
**Impact source:** ISI  
**Impact index in year of publication:** 6.633  
**Position of publication:** 61  
**Impact source:** ISI  
**Impact index in year of publication:** 6.633  
**Position of publication:** 9  
**Format:** Journal  
**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 297  
**Category:** BIOPHYSICS  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 72
- 34** Mateo-Otero, Y.; Yeste, M.; Damato, A.; Giaretta, E. Cryopreservation and oxidative stress in porcine oocytes. *Research in Veterinary Science*. 135, pp. 20 - 26. (United Kingdom): Elsevier, 2021. ISSN 0034-5288  
**DOI:** <https://doi.org/10.1016/j.rvsc.2020.12.024>  
**Type of production:** Scientific paper  
**Position of signature:** 2  
**Total no. authors:** 4  
**Impact source:** ISI  
**Impact index in year of publication:** 2.554  
**Position of publication:** 35  
**Format:** Journal  
**Corresponding author:** Yes  
**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 145
- 35** Catalán, J.; Yáñez-Ortiz, I.; Gacem, S.; Papas, M.; Bonet, S.; Rodríguez-Gil, J.E.; Yeste, M.\*; Miró, J.\* (\*Joint senior authors). The effects of red light on mammalian sperm rely upon the color of the recipient and the medium used. *Animals*. 11 - 1, pp. 122. (Switzerland): MDPI (Multidisciplinary Digital Publishing Institute), 2021. ISSN 2076-2615  
**DOI:** <https://doi.org/10.3390/ani11010122>  
**Handle:** <http://hdl.handle.net/10256/18965>  
**Type of production:** Scientific paper  
**Position of signature:** 7  
**Total no. authors:** 7  
**Impact source:** ISI  
**Impact index in year of publication:** 3.231  
**Position of publication:** 13  
**Impact source:** ISI  
**Impact index in year of publication:** 3.231  
**Position of publication:** 16  
**Format:** Journal  
**Corresponding author:** Yes  
**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 62  
**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 145
- 36** Llavenera, M.; Mateo-Otero, Y.; Delgado-Bermúdez, A.; Recuero, S.; Olives, S.; Barranco, I.; Yeste, M. Deactivation of JNK pathway by GSTP1 is essential to maintain sperm functionality. *Frontiers in Cell and Developmental Biology*. 9 - art.núm. 627140, (Switzerland): Frontiers Media, 2021. ISSN 2296-634X  
**DOI:** <https://doi.org/10.3389/fcell.2021.627140>  
**Handle:** <http://hdl.handle.net/10256/19504>  
**Type of production:** Scientific paper  
**Format:** Journal

**Position of signature:** 7

**Total no. authors:** 7

**Impact source:** ISI

**Impact index in year of publication:** 6.081

**Position of publication:** 6

**Impact source:** ISI

**Impact index in year of publication:** 6.081

**Position of publication:** 68

**Corresponding author:** Yes

**Category:** DEVELOPMENTAL BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 39

**Category:** CELL BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 195

- 37** Delgado-Bermúdez, A.; Mateo-Otero, Y.; Llavanera, M.; Bonet, S.; Yeste, M.; Pinart, E. HVCN1 but not potassium channels are related to mammalian sperm cryotolerance. *International Journal of Molecular Sciences*. 22 - 4, pp. 1646. (United States of America): MDPI (Multidisciplinary Digital Publishing Institute), 2021. ISSN 1422-0067

**DOI:** <https://doi.org/10.3390/ijms22041646>

**Handle:** <http://hdl.handle.net/10256/19083>

**Type of production:** Scientific paper

**Position of signature:** 5

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 6.208

**Position of publication:** 69

**Impact source:** ISI

**Impact index in year of publication:** 6.208

**Position of publication:** 50

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 297

**Category:** CHEMISTRY, MULTIDISCIPLINARY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 179

- 38** Martínez-Rodero, I.; García-Martínez, T.; Ordóñez-León, E.A.; Vendrell-Flotats, M.; Hidalgo, C.O.; Esmoris, J.; Mendibil, X.; Azcarate, S.; López-Béjar, M.; Yeste, M.; Mogas, T. A shorter equilibration period improves post-warming outcomes after vitrification and in straw dilution of in vitro-produced bovine embryos. *Biology*. 10 - 2, pp. 142. (Switzerland): MDPI (Multidisciplinary Digital Publishing Institute), 2021. ISSN 2079-7737

**DOI:** <https://doi.org/10.3390/biology10020142>

**Handle:** <http://hdl.handle.net/10256/19125>

**Type of production:** Scientific paper

**Position of signature:** 10

**Total no. authors:** 11

**Impact source:** ISI

**Impact index in year of publication:** 5.168

**Position of publication:** 21

**Format:** Journal

**Category:** BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 94

- 39** Noto, F.; Recuero, S.; Valencia, J.; Saporito, B.; Robbe, D.; Bonet, S.; Carluccio, A.; Yeste, M. Inhibition of potassium channels affects the ability of pig spermatozoa to elicit capacitation and trigger the acrosome exocytosis induced by progesterone. *International Journal of Molecular Sciences*. 22 - 4, pp. 1992. (United States of America): MDPI (Multidisciplinary Digital Publishing Institute), 2021. ISSN 1422-0067

**DOI:** <https://doi.org/10.3390/ijms22041992>

**Handle:** <http://hdl.handle.net/10256/19155>

**Type of production:** Scientific paper

**Position of signature:** 8

**Total no. authors:** 8

**Impact source:** ISI

**Impact index in year of publication:** 6.208

**Format:** Journal

**Corresponding author:** Yes

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY

**Journal in the top 25%:** Yes

**Position of publication:** 69

**No. of journals in the cat.:** 297

**Impact source:** ISI

**Category:** CHEMISTRY, MULTIDISCIPLINARY

**Impact index in year of publication:** 6.208

**Journal in the top 25%:** No

**Position of publication:** 50

**No. of journals in the cat.:** 179

- 40** Pezo, F.; Zambrano, F.; Uribe, P.; Moya, C.; De Andrade, A.F.C.; Risopatrón, J.; Yeste, M.; Burgos, R.A.; Sánchez, R. Oxidative and nitrosative stress in frozen-thawed boar spermatozoa. I: Protective effect of Melatonin and Butylhydroxytoluene on sperm function. *Research in Veterinary Science*. 136, pp. 143 - 150. (United Kingdom): Elsevier, 2021. ISSN 0034-5288

**DOI:** <https://doi.org/10.1016/j.rvsc.2021.02.006>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 7

**Total no. authors:** 9

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 2.554

**Journal in the top 25%:** Yes

**Position of publication:** 35

**No. of journals in the cat.:** 145

- 41** Ribas-Maynou, J.; Yeste, M.; Becerra-Tomás, N.; Aston, K.I.; James, E.R.; Salas-Huetos, A. Clinical implications of oxidative sperm DNA damage in IVF and ICSI: updated systematic review and meta-analysis. *Biological Reviews of the Cambridge Philosophical Society*. 96 - 4, pp. 1284 - 1300. (United Kingdom): 2021. ISSN 1464-7931

**DOI:** <https://doi.org/10.1111/brv.12700>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Total no. authors:** 6

**Impact source:** ISI

**Category:** BIOLOGY

**Impact index in year of publication:** 14.350

**Journal in the top 25%:** Yes

**Position of publication:** 1

**No. of journals in the cat.:** 94

- 42** Valencia, J.; Alzate, E.A.; Gómez, G.; Yeste, M.; Henao, F.J. Semen analysis of boars under intertropical conditions reveals the relevance of proximal and distal cytoplasm droplets for sperm functional integrity. *Reproduction in Domestic Animals*. 56 - 6, pp. 905 - 914. (Germany): Wiley, 2021. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.13933>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 4

**Total no. authors:** 5

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.858

**Journal in the top 25%:** No

**Position of publication:** 33

**No. of journals in the cat.:** 62

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.858

**Journal in the top 25%:** No

**Position of publication:** 55

**No. of journals in the cat.:** 145

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.858

**Journal in the top 25%:** No

**Position of publication:** 29

**No. of journals in the cat.:** 31

- 43** Mateo-Otero, Y.; Zambrano, F.; Catalán, J.; Sánchez, R.; Yeste, M.; Miró, J.; Fernandez-Fuertes, B. Seminal plasma, but not sperm, induces time and concentration-dependant neutrophil extracellular trap release in donkeys. *Equine Veterinary Journal*. 53, (United Kingdom): 2021. ISSN 0425-1644  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 5  
**Total no. authors:** 7  
**Impact source:** ISI **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Impact index in year of publication:** 2.692 **Journal in the top 25%:** Yes  
**Position of publication:** 31 **No. of journals in the cat.:** 145
- 44** Ribas-Maynou, J.; Garcia-Bonavila, E.; Catalán, J.; Hidalgo, C.O.; Miró, J.; Yeste, M. Species-specific differences in sperm chromatin decondensation between eutherian mammals underlie distinct lysis requirements. *Frontiers in Cell and Developmental Biology*. 9 - núm.art.669182, (Switzerland): Frontiers Media, 2021. ISSN 2296-634X  
**DOI:** <https://doi.org/10.3389/fcell.2021.669182>  
**Handle:** <http://hdl.handle.net/10256/19532>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 6  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** DEVELOPMENTAL BIOLOGY  
**Impact index in year of publication:** 6.081 **Journal in the top 25%:** Yes  
**Position of publication:** 6 **No. of journals in the cat.:** 39  
**Impact source:** ISI **Category:** CELL BIOLOGY  
**Impact index in year of publication:** 6.081 **Journal in the top 25%:** No  
**Position of publication:** 68 **No. of journals in the cat.:** 195
- 45** Mateo-Otero, Y.; Fernández-López, P.; Ribas-Maynou, J.; Roca, J.; Miró, J.; Yeste, M.\*; Barranco, I.\* (\*Joint senior authors). Metabolite profiling of pig seminal plasma identifies potential biomarkers for sperm resilience to liquid preservation. *Frontiers in Cell and Developmental Biology*. 9 - art.núm. 669974, (Switzerland): Frontiers Media, 2021. ISSN 2296-634X  
**DOI:** <https://doi.org/10.3389/fcell.2021.669974>  
**Handle:** <http://hdl.handle.net/10256/19610>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 7  
**Total no. authors:** 7  
**Impact source:** ISI **Corresponding author:** Yes  
**Impact index in year of publication:** 6.081 **Category:** DEVELOPMENTAL BIOLOGY  
**Position of publication:** 6 **Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 39  
**Impact source:** ISI **Category:** CELL BIOLOGY  
**Impact index in year of publication:** 6.081 **Journal in the top 25%:** No  
**Position of publication:** 68 **No. of journals in the cat.:** 195
- 46** Miró, J.; Catalán, J.; Marín, H.; Yáñez-Ortiz, I.; Yeste, M. Specific seminal plasma fractions are responsible for the modulation of sperm-PMN binding in the donkey. *Animals*. 11 - 5, pp. 1388. (Switzerland): MDPI (Multidisciplinary Digital Publishing Institute), 2021. ISSN 2076-2615  
**DOI:** <https://doi.org/10.3390/ani11051388>  
**Handle:** <http://hdl.handle.net/10256/19534>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 5

**Total no. authors:** 5

**Impact source:** ISI

**Impact index in year of publication:** 3.231

**Position of publication:** 13

**Impact source:** ISI

**Impact index in year of publication:** 3.231

**Position of publication:** 16

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 62

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 145

- 47** Mateo-Otero, Y.; Viñolas, E.; Llavanera, M.; Ribas-Maynou, J.; Roca, J.; Yeste, M.\*; Barranco, I.\* (\*Joint senior authors). Aldose reductase 1 B 1 (AKR1B1) in seminal plasma is mainly secreted by seminal vesicles, but is not related to sperm quality or resilience to preservation. *Frontiers in Cell and Developmental Biology*. 9 - art.núm.683199, (Switzerland): Frontiers Media, 2021. ISSN 2296-634X

**DOI:** <https://doi.org/10.3389/fcell.2021.683199>

**Handle:** <http://hdl.handle.net/10256/19623>

**Type of production:** Scientific paper

**Position of signature:** 7

**Total no. authors:** 7

**Impact source:** ISI

**Impact index in year of publication:** 6.081

**Position of publication:** 6

**Impact source:** ISI

**Impact index in year of publication:** 6.081

**Position of publication:** 68

**Format:** Journal

**Corresponding author:** Yes

**Category:** DEVELOPMENTAL BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 39

**Category:** CELL BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 195

- 48** Díaz-Bertrana, M.L.; Deleuze, S.; Pitti Rios, L.; Yeste, M.; Morales Fariña, I.; Rivera del Álamo, M.M. Microbial prevalence and antimicrobial sensitivity in equine endometritis in field conditions. *Animals*. 11 - 5, pp. 1476. (Switzerland): MDPI (Multidisciplinary Digital Publishing Institute), 2021. ISSN 2076-2615

**DOI:** <https://doi.org/10.3390/ani11051476>

**Handle:** <http://hdl.handle.net/10256/19563>

**Type of production:** Scientific paper

**Position of signature:** 4

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 3.231

**Position of publication:** 13

**Impact source:** ISI

**Impact index in year of publication:** 3.231

**Position of publication:** 16

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 62

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 145

- 49** Ribas-Maynou, J.; Delgado-Bermúdez, A.; Garcia-Bonavila, E.; Pinart, E.; Yeste, M.; Bonet, S. Complete chromatin decondensation of pig sperm is required to analyze sperm DNA breaks with the Comet assay. *Frontiers in Cell and Developmental Biology*. 9 - art.núm.675973, (Switzerland): Frontiers Media, 2021. ISSN 2296-634X

**DOI:** <https://doi.org/10.3389/fcell.2021.675973>

**Handle:** <http://hdl.handle.net/10256/19624>



**Type of production:** Scientific paper  
**Position of signature:** 5  
**Total no. authors:** 6  
**Impact source:** ISI  
**Impact index in year of publication:** 6.081  
**Position of publication:** 6

**Format:** Journal

**Category:** DEVELOPMENTAL BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 39

**Impact source:** ISI  
**Impact index in year of publication:** 6.081  
**Position of publication:** 68

**Category:** CELL BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 195

- 50** Ribas-Maynou, J.; Mateo-Otero, Y.; Delgado-Bermúdez, A.; Bucci, D.; Tamanini, C.; Yeste, M.; Barranco, I. Role of exogenous antioxidants on the performance and function of pig sperm after preservation in liquid and frozen states: a systematic review. *Theriogenology*. 173, pp. 279 - 294. (United States of America): Elsevier, 2021. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2021.07.023>

**Type of production:** Scientific paper  
**Position of signature:** 6  
**Total no. authors:** 7

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 2.923  
**Position of publication:** 21

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 145

**Impact source:** ISI  
**Impact index in year of publication:** 2.923  
**Position of publication:** 20

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 31

- 51** Ribas-Maynou, J.; Llavanera, M.; Mateo-Otero, Y.; Garcia-Bonavilla, E.; Delgado-Bermúdez, A.; Yeste, M. Direct but not indirect methods correlate the percentages of sperm with altered chromatin to the intensity of chromatin damage. *Frontiers In Veterinary Science*. 8 - art.núm.719319, (Switzerland): 2021. ISSN 2297-1769

**DOI:** <https://doi.org/10.3389/fvets.2021.719319>

**Handle:** <http://hdl.handle.net/10256/19842>

**Type of production:** Scientific paper  
**Position of signature:** 6  
**Total no. authors:** 6

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 3.471  
**Position of publication:** 13

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 145

- 52** Delgado-Bermúdez, A.; Recuero, S.; Llavanera, M.; Mateo-Otero, Y.; Sandu, A.; Barranco, I.; Ribas-Maynou, J.; Yeste, M. Aquaporins are essential to maintain motility and membrane lipid architecture during mammalian sperm capacitation. *Frontiers in Cell and Developmental Biology*. 9 - art.núm. 656438, (Switzerland): Frontiers Media, 2021. ISSN 2296-634X

**DOI:** <https://doi.org/10.3389/fcell.2021.656438>

**Handle:** <http://hdl.handle.net/10256/19849>

**Type of production:** Scientific paper  
**Position of signature:** 8  
**Total no. authors:** 8

**Format:** Journal

**Impact source:** ISI

**Corresponding author:** Yes  
**Category:** DEVELOPMENTAL BIOLOGY

**Impact index in year of publication:** 6.081  
**Position of publication:** 6

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 39

**Impact source:** ISI  
**Impact index in year of publication:** 6.081  
**Position of publication:** 68

**Category:** CELL BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 195

- 53** Ribas-Maynou, J.; Garcia-Bonavila, E.; Bonet, S.; Catalán, J.; Salas-Huetos, A.; Yeste, M. The TUNEL assay underestimates the incidence of DNA damage in pig sperm due to chromatin condensation. *Theriogenology*. 174, pp. 94 - 101. (United States of America): Elsevier, 2021. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2021.08.024>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 6

**Total no. authors:** 6

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 2.923

**Journal in the top 25%:** Yes

**Position of publication:** 21

**No. of journals in the cat.:** 145

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 2.923

**Journal in the top 25%:** No

**Position of publication:** 20

**No. of journals in the cat.:** 31

- 54** Yáñez-Ortiz, I.; Catalán, J.; Mateo-Otero, Y.; Dordas-Perpinyà, M.; Gacem, S.; Yeste, N.; Bassols, A.; Yeste, M.\*; Miró, J.\* (\*Joint senior authors). Extracellular reactive oxygen species (ROS) production in fresh donkey sperm exposed to reductive stress, oxidative stress and NETosis. *Antioxidants*. 10 - 9, pp. 1367. (Switzerland): MDPI (Multidisciplinary Digital Publishing Institute), 2021. ISSN 2076-3921

**DOI:** <https://doi.org/10.3390/antiox10091367>

**Handle:** <http://hdl.handle.net/10256/19843>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 9

**Total no. authors:** 9

**Corresponding author:** Yes

**Impact source:** ISI

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY

**Impact index in year of publication:** 7.675

**Journal in the top 25%:** Yes

**Position of publication:** 50

**No. of journals in the cat.:** 297

**Impact source:** ISI

**Category:** FOOD SCIENCE & TECHNOLOGY

**Impact index in year of publication:** 7.675

**Journal in the top 25%:** Yes

**Position of publication:** 12

**No. of journals in the cat.:** 144

**Impact source:** ISI

**Category:** CHEMISTRY, MEDICINAL

**Impact index in year of publication:** 7.675

**Journal in the top 25%:** Yes

**Position of publication:** 4

**No. of journals in the cat.:** 63

- 55** Recuero, S.; Delgado-Bermúdez, A.; Garcia-Bonavila, E.; Mateo-Otero, Y.; Lllavanera, M.; Yeste, M. Parkinson disease protein 7 (PARK7) is related to the ability of mammalian sperm to undergo in vitro capacitation. *International Journal of Molecular Sciences*. 22 - 19, pp. 10804. (United States of America): MDPI (Multidisciplinary Digital Publishing Institute), 2021. ISSN 1422-0067

**DOI:** <https://doi.org/10.3390/ijms221910804>

**Handle:** <http://hdl.handle.net/10256/19996>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 6

**Total no. authors:** 6  
**Impact source:** ISI  
**Impact index in year of publication:** 6.208  
**Position of publication:** 69

**Corresponding author:** Yes  
**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 297

**Impact source:** ISI  
**Impact index in year of publication:** 6.208  
**Position of publication:** 50

**Category:** CHEMISTRY, MULTIDISCIPLINARY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 179

- 56** Chaves, B.R.; Pavaneli, A.P.P.; Blanco-Prieto, O.; Pinart, E.; Bonet, S.; Zangeronimo, M.G.; Rodríguez-Gil, J.E.; Yeste, M. Exogenous albumin is crucial for pig sperm to elicit in vitro capacitation whereas bicarbonate only modulates its efficiency. *Biology*. 10 - 11, pp. 1105. (Switzerland): MDPI (Multidisciplinary Digital Publishing Institute), 2021. ISSN 2079-7737

**DOI:** <https://doi.org/10.3390/biology10111105>

**Handle:** <http://hdl.handle.net/10256/20133>

**Type of production:** Scientific paper

**Position of signature:** 8

**Total no. authors:** 8

**Impact source:** ISI

**Impact index in year of publication:** 5.168

**Position of publication:** 21

**Format:** Journal

**Corresponding author:** Yes

**Category:** BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 94

- 57** Mateo-Otero, Y.; Fernández-López, P.; Delgado-Bermúdez, A.; Nolis, P.; Roca, J.; Miró, J.; Barranco, I.; Yeste, M. Metabolomic fingerprinting of pig seminal plasma identifies in vivo fertility biomarkers. *Journal Of Animal Science And Biotechnology*. 12 - art.núm. 113, (China): 2021. ISSN 2049-1891

**DOI:** <https://doi.org/10.1186/s40104-021-00636-5>

**Handle:** <http://hdl.handle.net/10256/20141>

**Type of production:** Scientific paper

**Position of signature:** 8

**Total no. authors:** 8

**Format:** Journal

**Corresponding author:** Yes

- 58** Llavanera, M.; Ribas-Maynou, J.; Delgado-Bermúdez, A.; Recuero, S.; Muiño, R.; Hidalgo, C.O.; Tamargo, C.; Bonet, S.; Mateo-Otero, Y.; Yeste, M. Sperm chromatin condensation as an in vivo fertility biomarker in bulls: a flow cytometry approach. *Journal Of Animal Science And Biotechnology*. 12 - art.núm. 115, (China): 2021. ISSN 2049-1891

**DOI:** <https://doi.org/10.1186/s40104-021-00634-7>

**Handle:** <http://hdl.handle.net/10256/20140>

**Type of production:** Scientific paper

**Position of signature:** 10

**Total no. authors:** 10

**Format:** Journal

**Corresponding author:** Yes

- 59** Rabionet, M.; Polonio-Alcalá, E.; Relat, J.; Yeste, M.; Sims-Mourtada, J.; Kloxin, A.M.; Planas, M.; Feliu, L.; Ciurana, J.; Puig, T. Fatty acid synthase as a feasible biomarker for triple negative breast cancer stem cell subpopulation cultured on electrospun scaffolds. *Materials Today Bio*. 12 - art.núm. 100155, (United Kingdom): Elsevier, 2021. ISSN 2590-0064

**DOI:** <https://doi.org/10.1016/j.mtbio.2021.100155>

**Handle:** <http://hdl.handle.net/10256/20168>

**Type of production:** Scientific paper

**Position of signature:** 4

**Total no. authors:** 10

**Impact source:** ISI

**Format:** Journal

**Category:** ENGINEERING, BIOMEDICAL

**Impact index in year of publication:** 10.761  
**Position of publication:** 11

**Impact source:** ISI  
**Impact index in year of publication:** 10.761  
**Position of publication:** 6

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 98

**Category:** MATERIALS SCIENCE, BIOMATERIALS  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 45

- 60** Yeste, M.; Recuero, S.; Maside, C.; Salas-Huetos, A.; Bonet, S.; Pinart, E. Blocking NHE channels reduces the ability of in vitro capacitated mammalian sperm to respond to progesterone stimulus. *International Journal of Molecular Sciences*. 22 - 23, pp. 12646. (United States of America): MDPI (Multidisciplinary Digital Publishing Institute), 2021. ISSN 1422-0067

**DOI:** <https://doi.org/10.3390/ijms222312646>

**Handle:** <http://hdl.handle.net/10256/20252>

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 6

**Impact source:** ISI  
**Impact index in year of publication:** 6.208  
**Position of publication:** 69

**Impact source:** ISI  
**Impact index in year of publication:** 6.208  
**Position of publication:** 50

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 297

**Category:** CHEMISTRY, MULTIDISCIPLINARY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 179

- 61** Yáñez-Ortiz, I.; Catalán, J.; Delgado-Bermúdez, A.; Carluccio, A.; Miró, J.; Yeste, M. Addition of reduced glutathione (GSH) to freezing medium reduces intracellular ROS levels in donkey sperm. *Veterinary Sciences*. 8 - 12, pp. 302. (Switzerland): 2021. ISSN 2306-7381

**DOI:** <https://doi.org/10.3390/vetsci8120302>

**Handle:** <http://hdl.handle.net/10256/20260>

**Type of production:** Scientific paper

**Position of signature:** 6

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 2.518  
**Position of publication:** 37

**Format:** Journal

**Corresponding author:** Yes

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 145

- 62** Rivera del Álamo, M.M.; Reilas, T.; Lukasik, K.; Galvão, A.M.; Yeste, M.; Katila, T. Inflammatory markers in uterine lavage fluids of pregnant, non-pregnant, and intrauterine device implanted mares on Days 10 and 15 post ovulation. *Animals*. 11 - 12, pp. 3493. (Switzerland): MDPI (Multidisciplinary Digital Publishing Institute), 2021. ISSN 2076-2615

**DOI:** <https://doi.org/10.3390/ani11123493>

**Handle:** <http://hdl.handle.net/10256/20264>

**Type of production:** Scientific paper

**Position of signature:** 5

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 3.231  
**Position of publication:** 13

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 62

**Impact source:** ISI

**Impact index in year of publication:** 3.231

**Position of publication:** 16

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 145

- 63** Yáñez-Ortiz, I.; Catalán, J.; Rodríguez-Gil, J.E.; Miró, J.; Yeste, M. Advances in sperm cryopreservation in farm animals: Cattle, horse, pig and sheep. *Animal Reproduction Science*. 235 - art.núm. 106904, (Holland): Elsevier Masson, 2021. ISSN 0378-4320

**DOI:** <https://doi.org/10.1016/j.anireprosci.2021.106904>

**Handle:** <http://hdl.handle.net/10256/20266>

**Type of production:** Scientific paper

**Position of signature:** 5

**Total no. authors:** 5

**Impact source:** ISI

**Impact index in year of publication:** 2.220

**Position of publication:** 22

**Impact source:** ISI

**Impact index in year of publication:** 2.220

**Position of publication:** 44

**Impact source:** ISI

**Impact index in year of publication:** 2.220

**Position of publication:** 23

**Format:** Journal

**Corresponding author:** Yes

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 62

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 145

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 31

- 64** Salas-Huetos, A.; James, E.R.; Aston, K.I.; Carrell, D.T.; Jenkins, T.G.; Yeste, M. The role of miRNAs in male human reproduction: A systematic review. *Andrology*. 8 - 1, pp. 7 - 26. (United States of America): American Society of Andrology, 2020. ISSN 2047-2919

**DOI:** <https://doi.org/10.1111/andr.12714>

**Type of production:** Scientific paper

**Position of signature:** 6

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 3.842

**Position of publication:** 2

**Format:** Journal

**Category:** ANDROLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 8

- 65** Papas, M.; Catalán, J.; Bonilla-Correal, S.; Gacem, S.; Miró, J.; Yeste, M. Seminal plasma has limited counteracting effects following induction of oxidative stress in donkey spermatozoa. *Reproduction, Fertility and Development*. 32 - 6, pp. 619 - 628. (Australia): CSIRO Publishing, 2020. ISSN 1031-3613

**DOI:** <https://doi.org/10.1071/RD19192>

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 2.311

**Position of publication:** 27

**Impact source:** ISI

**Impact index in year of publication:** 2.311

**Format:** Journal

**Category:** DEVELOPMENTAL BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 41

**Category:** ZOOLOGY

**Journal in the top 25%:** Yes

**Position of publication:** 39

**Impact source:** ISI

**Impact index in year of publication:** 2.311

**Position of publication:** 24

**No. of journals in the cat.:** 175

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 30

- 66** Valencia, J.; Yeste, M.; Quintero-Moreno, A.; Niño-Cardenas, C.P.; Henao, F.J. Relative content of Niemann-Pick C2 protein (NPC2) in seminal plasma, but not that of spermadhesin AQN-1, is related to boar sperm cryotolerance. *Theriogenology*. 145, pp. 181 - 189. (United States of America): Elsevier, 2020. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2019.10.023>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Total no. authors:** 5

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 2.740

**Journal in the top 25%:** Yes

**Position of publication:** 21

**No. of journals in the cat.:** 146

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 2.740

**Journal in the top 25%:** No

**Position of publication:** 20

**No. of journals in the cat.:** 30

- 67** Ferré-Dolcet, L.; Rodríguez-Gil, J.E.; Yeste, M.; Rigau, T.; Rivera del Alamo, M.M. Tyrosine phosphorylation is not a relevant mechanism to modulate aquaporin 2 activity in gestational queen endometrium and placenta. *Reproduction in Domestic Animals*. 55 - 4, pp. 448 - 453. (Germany): Wiley, 2020. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.13636>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 3

**Total no. authors:** 5

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 2.005

**Journal in the top 25%:** No

**Position of publication:** 27

**No. of journals in the cat.:** 63

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 2.005

**Journal in the top 25%:** No

**Position of publication:** 48

**No. of journals in the cat.:** 146

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 2.005

**Journal in the top 25%:** No

**Position of publication:** 27

**No. of journals in the cat.:** 30

- 68** Llavanera, M.; Delgado-Bermúdez, A.; Olives, S.; Mateo-Otero, Y.; Recuero, S.; Bonet, S.; Fernández-Fuertes, B.; Yeste, M.\*; Barranco, I.\* (\*Joint senior authors). Glutathione S-transferases play a crucial role in mitochondrial function, plasma membrane stability and oxidative regulation of mammalian sperm. *Antioxidants*. 9 - 2, pp. 100. (Switzerland): MDPI (Multidisciplinary Digital Publishing Institute), 2020. ISSN 2076-3921

**DOI:** <https://doi.org/10.3390/antiox9020100>

**Handle:** <http://hdl.handle.net/10256/17633>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 8

**Total no. authors:** 9

**Impact source:** ISI  
**Impact index in year of publication:** 6.312  
**Position of publication:** 60

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 298

**Impact source:** ISI  
**Impact index in year of publication:** 6.312  
**Position of publication:** 11

**Category:** FOOD SCIENCE & TECHNOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 144

**Impact source:** ISI  
**Impact index in year of publication:** 6.312  
**Position of publication:** 6

**Category:** CHEMISTRY, MEDICINAL  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 63

- 69** Miró, J.; Morató, R.; Vilagran, I.; Taberner, E.; Bonet, S.; Yeste, M. Preservation of epididymal stallion sperm in liquid and frozen states: effects of seminal plasma on sperm function and fertility. *Journal of Equine Veterinary Science*. 88 - 102940, (United States of America): 2020. ISSN 0737-0806  
**DOI:** <https://doi.org/10.1016/j.jevs.2020.102940>

**Type of production:** Scientific paper  
**Position of signature:** 6  
**Total no. authors:** 6

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 1.583  
**Position of publication:** 67

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 146

- 70** Catalán, J.; Papas, M.; Gacem, S.; Noto, F.; Delgado-Bermúdez, A.; Rodríguez-Gil, J.E.; Miró, J.; Yeste, M. Effects of red-light irradiation on the function and survival of fresh and liquid-stored donkey semen. *Theriogenology*. 149, pp. 88 - 97. (United States of America): Elsevier, 2020. ISSN 0093-691X  
**DOI:** <https://doi.org/10.1016/j.theriogenology.2020.03.024>

**Type of production:** Scientific paper  
**Position of signature:** 8  
**Total no. authors:** 8

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 2.740  
**Position of publication:** 21

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 146

**Impact source:** ISI  
**Impact index in year of publication:** 2.740  
**Position of publication:** 20

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 30

- 71** Delgado-Bermúdez, A.; Bonet, S.; Yeste, M.; Pinart, E. Long-term storage of boar seminal doses contaminated with *Proteus vulgaris*: a dose-dependent effect on sperm motility and sperm-bacteria interaction. *Animal Reproduction Science*. 216 - Art.núm. 106349, (Holland): Elsevier Masson, 2020. ISSN 0378-4320  
**DOI:** <https://doi.org/10.1016/j.anireprosci.2020.106349>

**Type of production:** Scientific paper  
**Position of signature:** 3  
**Total no. authors:** 4

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 2.145  
**Position of publication:** 23

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 63

**Impact source:** ISI

**Impact index in year of publication:** 2.145

**Position of publication:** 43

**Impact source:** ISI

**Impact index in year of publication:** 2.145

**Position of publication:** 26

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 146

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 30

- 72** Barranco, I.; Fernandez-Fuertes, B.; Padilla, L.; Delgado-Bermúdez, A.; Tvarijonavičiute, A.; Yeste, M. Seminal plasma anti-Müllerian hormone: a potential AI-boar fertility biomarker?. *Biology*. 9 - 4, pp. 78. (Switzerland): MDPI (Multidisciplinary Digital Publishing Institute), 2020. ISSN 2079-7737

**DOI:** <https://doi.org/10.3390/biology9040078>

**Handle:** <http://hdl.handle.net/10256/18011>

**Type of production:** Scientific paper

**Position of signature:** 6

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 5.079

**Position of publication:** 16

**Format:** Journal

**Category:** BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 93

- 73** Ribas-Maynou, J.; Yeste, M. Oxidative stress in male infertility: Causes, effects in assisted reproductive techniques, and protective support of antioxidants. *Biology*. 9 - 4, pp. 77. (Switzerland): MDPI (Multidisciplinary Digital Publishing Institute), 2020. ISSN 2079-7737

**DOI:** <https://doi.org/10.3390/biology9040077>

**Handle:** <http://hdl.handle.net/10256/18010>

**Type of production:** Scientific paper

**Position of signature:** 2

**Total no. authors:** 2

**Impact source:** ISI

**Impact index in year of publication:** 5.079

**Position of publication:** 16

**Format:** Journal

**Category:** BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 93

- 74** Yeste, M.; Llavanera, M.; Mateo-Otero, Y.; Catalán, J.; Bonet, S.; Pinart, E. HVCN1 channels are relevant for the maintenance of sperm motility during in vitro capacitation of pig spermatozoa. *International Journal of Molecular Sciences*. 21 - 9, pp. 3255. (United States of America): MDPI (Multidisciplinary Digital Publishing Institute), 2020. ISSN 1422-0067

**DOI:** <https://doi.org/10.3390/ijms21093255>

**Handle:** <http://hdl.handle.net/10256/18074>

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 5.923

**Position of publication:** 67

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 298

**Impact source:** ISI

**Impact index in year of publication:** 5.923

**Position of publication:** 49

**Category:** CHEMISTRY, MULTIDISCIPLINARY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 179





- 75** Mateo-Otero, Y.; Sánchez, J.M.; Recuero, S.; Bagés-Arnal, S.; McDonald, M.; Kenny, D.A.; Yeste, M.; Lonergan, P.; Fernandez-Fuertes, B. Effect of exposure to seminal plasma through natural mating in cattle on conceptus length and gene expression. *Frontiers in Cell and Developmental Biology*. 8 - art.núm. 341, (Switzerland): Frontiers Media, 2020. ISSN 2296-634X  
**DOI:** <https://doi.org/10.3389/fcell.2020.00341>  
**Handle:** <http://hdl.handle.net/10256/18085>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 7  
**Total no. authors:** 9  
**Impact source:** ISI **Category:** DEVELOPMENTAL BIOLOGY  
**Impact index in year of publication:** 6.684 **Journal in the top 25%:** Yes  
**Position of publication:** 6 **No. of journals in the cat.:** 41
- Impact source:** ISI **Category:** CELL BIOLOGY  
**Impact index in year of publication:** 6.684 **Journal in the top 25%:** No  
**Position of publication:** 52 **No. of journals in the cat.:** 195
- 76** Miró, J.; Marín, H.; Catalán, J.; Papas, M.; Gacem, S.; Yeste, M. Seminal plasma, sperm concentration and sperm-PMN interaction in the donkey: an in vitro model to study endometrial inflammation at post-insemination. *International Journal of Molecular Sciences*. 21 - 9, pp. 3478. (United States of America): MDPI (Multidisciplinary Digital Publishing Institute), 2020. ISSN 1422-0067  
**DOI:** <https://doi.org/10.3390/ijms21103478>  
**Handle:** <http://hdl.handle.net/10256/18086>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 6  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 5.923 **Journal in the top 25%:** Yes  
**Position of publication:** 67 **No. of journals in the cat.:** 298
- Impact source:** ISI **Category:** CHEMISTRY, MULTIDISCIPLINARY  
**Impact index in year of publication:** 5.923 **Journal in the top 25%:** No  
**Position of publication:** 49 **No. of journals in the cat.:** 179
- 77** Nerozzi, C.; Recuero, S.; Bucci, D.; Spinaci, M.; Bonet, S.; Yeste, M. Effects of Roundup and its main component, glyphosate, upon mammalian sperm function and survival. *Scientific Reports*. 10 - Art.núm. 11026, (United Kingdom): Nature Publishing Group, 2020. ISSN 2045-2322  
**DOI:** <https://doi.org/10.1038/s41598-020-67538-w>  
**Handle:** <http://hdl.handle.net/10256/18276>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 6  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** MULTIDISCIPLINARY SCIENCES  
**Impact index in year of publication:** 4.379 **Journal in the top 25%:** Yes  
**Position of publication:** 17 **No. of journals in the cat.:** 73
- 78** Vilanova-Perez, T.; Jones, C.; Balint, S.; Dragovic, R.; Dustin, M.L.; Yeste, M.; Coward, K. Exosomes derived from HEK293T cells interact in an efficient and non-invasive manner with mammalian sperm in vitro. *Nanomedicine*. 15 - 20, (United Kingdom): 2020. ISSN 1743-5889  
**DOI:** <https://doi.org/10.2217/nnm-2020-0056>

**Handle:** <http://hdl.handle.net/10256/18417>

**Type of production:** Scientific paper

**Position of signature:** 6

**Total no. authors:** 7

**Impact source:** ISI

**Impact index in year of publication:** 5.307

**Position of publication:** 30

**Impact source:** ISI

**Impact index in year of publication:** 5.307

**Position of publication:** 46

**Format:** Journal

**Category:** BIOTECHNOLOGY & APPLIED MICROBIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 159

**Category:** NANOSCIENCE & NANOTECHNOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 107

- 79** Barranco, I.; Padilla, L.; Martinez, C.A.; Alvarez-Rodriguez, M.; Parrilla, I.; Lucas, X.; Ferreira-Dias, G.; Yeste, M.; Rodriguez-Martinez, H.; Roca, J. Seminal plasma modulates miRNA expression by sow genital tract lining explants. *Biomolecules*. 10 - 6, pp. 933. (Switzerland): 2020. ISSN 2218-273X

**DOI:** <https://doi.org/10.3390/biom10060933>

**Handle:** <http://hdl.handle.net/10256/18234>

**Type of production:** Scientific paper

**Position of signature:** 8

**Total no. authors:** 10

**Impact source:** ISI

**Impact index in year of publication:** 4.879

**Position of publication:** 96

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 298

- 80** Mateo-Otero, Y.; Fernández-López, P.; Gil-Caballero, S.; Fernandez-Fuertes, B.; Bonet, S.; Barranco, I.; Yeste, M. 1H Nuclear Magnetic Resonance of pig seminal plasma reveals intra-ejaculate variation in metabolites. *Biomolecules*. 10 - 6, pp. 906. (Switzerland): 2020. ISSN 2218-273X

**DOI:** <https://doi.org/10.3390/biom10060906>

**Handle:** <http://hdl.handle.net/10256/18227>

**Type of production:** Scientific paper

**Position of signature:** 7

**Total no. authors:** 7

**Impact source:** ISI

**Impact index in year of publication:** 4.879

**Position of publication:** 96

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 298

- 81** Pavaneli, A.P.P.; Recuero, S.; Chaves, B.R.; Garcia-Bonavila, E.; Lllavanera, M.; Pinart, E.; Bonet, S.; de Andrade, A.F.C.; Yeste, M. The presence of seminal plasma during liquid-storage of pig spermatozoa at 17 °C modulates their ability to elicit in vitro capacitation and trigger acrosomal exocytosis. *International Journal of Molecular Sciences*. 21 - 12, pp. 4520. (United States of America): MDPI (Multidisciplinary Digital Publishing Institute), 2020. ISSN 1422-0067

**DOI:** <https://doi.org/10.3390/ijms21124520>

**Handle:** <http://hdl.handle.net/10256/18273>

**Type of production:** Scientific paper

**Position of signature:** 9

**Total no. authors:** 9

**Impact source:** ISI

**Impact index in year of publication:** 5.923

**Position of publication:** 67

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 298

**Impact source:** ISI  
**Impact index in year of publication:** 5.923  
**Position of publication:** 49

**Category:** CHEMISTRY, MULTIDISCIPLINARY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 179

- 82** Recuero, S.; Sánchez, J.M.; Mateo-Otero, Y.; Bagés-Arnal, S.; McDonald, M.; Behura, S.K.; Spencer, T.E.; Kenny, D.A.; Yeste, M.; Lonergan, P.; Fernandez-Fuertes, B. Mating to intact, but not vasectomized, males elicits changes in the endometrial transcriptome: insights from the bovine model. *Frontiers in Cell and Developmental Biology*. 8 - Art.núm. 547, (Switzerland): Frontiers Media, 2020. ISSN 2296-634X

**DOI:** <https://doi.org/10.3389/fcell.2020.00547>

**Handle:** <http://hdl.handle.net/10256/18305>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 9

**Total no. authors:** 11

**Impact source:** ISI

**Category:** DEVELOPMENTAL BIOLOGY

**Impact index in year of publication:** 6.684

**Journal in the top 25%:** Yes

**Position of publication:** 6

**No. of journals in the cat.:** 41

**Impact source:** ISI

**Category:** CELL BIOLOGY

**Impact index in year of publication:** 6.684

**Journal in the top 25%:** No

**Position of publication:** 52

**No. of journals in the cat.:** 195

- 83** Passarelli, M.d.S.; Pavaneli, A.P.P.; Ravagnani, G.M.; Martins, M.P.; Pedrosa, A.C.; Martins, S.M.M.K.; Rocha, N.R.A.; Rigo, V.H.R.; Yasui, G.; Yeste, M.; de Andrade, A.F.C. Effects of different equilibration times at 5°C on boar sperm cryotolerance. *Animal Reproduction Science*. 219 - Art.núm. 106547, (Holland): Elsevier Masson, 2020. ISSN 0378-4320

**DOI:** <https://doi.org/10.1016/j.anireprosci.2020.106547>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 10

**Total no. authors:** 11

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 2.145

**Journal in the top 25%:** No

**Position of publication:** 23

**No. of journals in the cat.:** 63

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 2.145

**Journal in the top 25%:** No

**Position of publication:** 43

**No. of journals in the cat.:** 146

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 2.145

**Journal in the top 25%:** No

**Position of publication:** 26

**No. of journals in the cat.:** 30

- 84** Ribas-Maynou, J.; Yeste, M.; Salas-Huetos, A. The relationship between sperm oxidative stress alterations and IVF/ICSI outcomes: a systematic review from nonhuman mammals. *Biology*. 9 - 7, pp. 178. (Switzerland): MDPI (Multidisciplinary Digital Publishing Institute), 2020. ISSN 2079-7737

**DOI:** <https://doi.org/10.3390/biology9070178>

**Handle:** <http://hdl.handle.net/10256/18350>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Total no. authors:** 3

**Impact source:** ISI  
**Impact index in year of publication:** 5.079  
**Position of publication:** 16

**Category:** BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 93

- 85** James, E.R.; Carrell, D.T.; Aston, K.I.; Jenkins, T.G.; Yeste, M.; Salas-Huetos, A. The role of the epididymis and the contribution of epididymosomes to mammalian reproduction. *International Journal of Molecular Sciences*. 21 - 15, pp. 5377. (United States of America): MDPI (Multidisciplinary Digital Publishing Institute), 2020. ISSN 1422-0067

**DOI:** <https://doi.org/10.3390/ijms21155377>

**Handle:** <http://hdl.handle.net/10256/18373>

**Type of production:** Scientific paper

**Position of signature:** 5

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 5.923

**Position of publication:** 67

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 298

**Impact source:** ISI

**Impact index in year of publication:** 5.923

**Position of publication:** 49

**Category:** CHEMISTRY, MULTIDISCIPLINARY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 179

- 86** Catalán J.; Llavanera, M.; Bonilla-Correal, S.; Papas, M.; Gacem, S.; Rodríguez-Gil, J.E.; Yeste, M.\*; Miró, J.\* (\*Joint senior authors). Irradiating frozen-thawed stallion sperm with red-light increases their resilience to withstand post-thaw incubation at 38 °C. *Theriogenology*. 157, pp. 85 - 95. (United States of America): Elsevier, 2020. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2020.07.027>

**Type of production:** Scientific paper

**Position of signature:** 7

**Total no. authors:** 8

**Impact source:** ISI

**Impact index in year of publication:** 2.740

**Position of publication:** 21

**Format:** Journal

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 146

**Impact source:** ISI

**Impact index in year of publication:** 2.740

**Position of publication:** 20

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 30

- 87** Gòdia, M.; Ramayo-Caldas, Y.; Zingaretti, L.M.; Darwich, L.; Lopez, S.; Rodríguez-Gil, J.E.; Yeste, M.; Sánchez, A.; Clop, A. A pilot RNA-seq study in 40 Pietrain ejaculates to characterize the porcine sperm microbiome. *Theriogenology*. (United States of America): Elsevier, 2020. ISSN 0093-691X

**Type of production:** Scientific paper

**Position of signature:** 7

**Total no. authors:** 9

**Impact source:** ISI

**Impact index in year of publication:** 2.740

**Position of publication:** 21

**Format:** Journal

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 146

**Impact source:** ISI

**Impact index in year of publication:** 2.740

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**Position of publication:** 20

**No. of journals in the cat.:** 30

- 88** Llavanera, M.; Delgado-Bermúdez, A.; Mateo-Otero, Y.; Padilla, L.; Romeu, X.; Roca, J.; Barranco, I. Yeste, M. Exploring seminal plasma GSTM3 as a quality and in vivo fertility biomarker in pigs - relationship with sperm morphology. *Antioxidants*. 9 - 8, pp. 741. (Switzerland): MDPI (Multidisciplinary Digital Publishing Institute), 2020. ISSN 2076-3921

**DOI:** <https://doi.org/10.3390/antiox9080741>

**Handle:** <http://hdl.handle.net/10256/18401>

**Type of production:** Scientific paper

**Position of signature:** 8

**Total no. authors:** 8

**Impact source:** ISI

**Impact index in year of publication:** 6.312

**Position of publication:** 60

**Impact source:** ISI

**Impact index in year of publication:** 6.312

**Position of publication:** 11

**Impact source:** ISI

**Impact index in year of publication:** 6.312

**Position of publication:** 6

**Format:** Journal

**Corresponding author:** Yes

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 298

**Category:** FOOD SCIENCE & TECHNOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 144

**Category:** CHEMISTRY, MEDICINAL

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 63

- 89** Blanco-Prieto, O.; Catalán, J.; Trujillo-Rojas, L.; Delgado-Bermúdez, A.; Llavanera, M.; Rigau, T.; Bonet, S.; Yeste, M.; Rivera del Álamo, M.M.; Rodríguez-Gil, J.E. Medium-term effects of the diluted pig semen irradiation with red LED light on the integrity of nucleoprotein structure and resilience to withstand thermal stress. *Theriogenology*. 157, pp. 388 - 398. (United States of America): Elsevier, 2020. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2020.08.016>

**Type of production:** Scientific paper

**Position of signature:** 8

**Total no. authors:** 10

**Impact source:** ISI

**Impact index in year of publication:** 2.740

**Position of publication:** 21

**Impact source:** ISI

**Impact index in year of publication:** 2.740

**Position of publication:** 20

**Format:** Journal

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 146

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 30

- 90** Catalán, J.; Papas, M.; Gacem, S.; Mateo-Otero, Y.; Rodríguez-Gil, J.E.; Miró, J.; Yeste, M. Red-light irradiation of horse spermatozoa increases mitochondrial activity and motility through changes in the motile sperm subpopulational structure. *Biology*. 9 - 9, pp. 254. (Switzerland): MDPI (Multidisciplinary Digital Publishing Institute), 2020. ISSN 2079-7737

**DOI:** <https://doi.org/10.3390/biology9090254>

**Handle:** <http://hdl.handle.net/10256/18405>

**Type of production:** Scientific paper

**Position of signature:** 7

**Total no. authors:** 7

**Impact source:** ISI

**Impact index in year of publication:** 5.079

**Format:** Journal

**Corresponding author:** Yes

**Category:** BIOLOGY

**Journal in the top 25%:** Yes

**Position of publication:** 16

**No. of journals in the cat.:** 93

- 91** Molina, C.; Bosch, L.; Rigau, T.; Yeste, M.; Torrente, C.; Rivera del Álamo, M.M. Urine glucose concentration: a useful parameter as a surrogate for glycaemia on the first day of life in canine neonates. *Research in Veterinary Science*. 133, pp. 59 - 62. (United Kingdom): Elsevier, 2020. ISSN 0034-5288

**DOI:** <https://doi.org/10.1016/j.rvsc.2020.09.003>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 4

**Total no. authors:** 6

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 2.534

**Journal in the top 25%:** Yes

**Position of publication:** 30

**No. of journals in the cat.:** 146

- 92** Vendrell, M.; García-Martínez, T.; Martínez-Rodero, I.; López-Béjar, M.; LaMarre, J.; Yeste, M.; Mogas, T. In vitro maturation in the presence of Leukemia Inhibitory Factor modulates gene and miRNA expression in bovine oocytes and embryos. *Scientific Reports*. 10 - art.núm. 17777, (United Kingdom): Nature Publishing Group, 2020. ISSN 2045-2322

**DOI:** <https://doi.org/10.1038/s41598-020-74961-6>

**Handle:** <http://hdl.handle.net/10256/18592>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 6

**Total no. authors:** 7

**Impact source:** ISI

**Category:** MULTIDISCIPLINARY SCIENCES

**Impact index in year of publication:** 4.379

**Journal in the top 25%:** Yes

**Position of publication:** 17

**No. of journals in the cat.:** 73

- 93** Vendrell, M.; García-Martínez, T.; Martínez-Rodero, I.; López-Béjar, M.; LaMarre, J.; Yeste, M.; Mogas, T. In Vitro maturation with Leukemia Inhibitory Factor prior to the vitrification of bovine oocytes improves their embryo developmental potential and gene expression in oocytes and embryos. *International Journal of Molecular Sciences*. 21 - 19, pp. 7067. (United States of America): MDPI (Multidisciplinary Digital Publishing Institute), 2020. ISSN 1422-0067

**DOI:** <https://doi.org/10.3390/ijms21197067>

**Handle:** <http://hdl.handle.net/10256/18661>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 6

**Total no. authors:** 7

**Impact source:** ISI

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY

**Impact index in year of publication:** 5.923

**Journal in the top 25%:** Yes

**Position of publication:** 67

**No. of journals in the cat.:** 298

**Impact source:** ISI

**Category:** CHEMISTRY, MULTIDISCIPLINARY

**Impact index in year of publication:** 5.923

**Journal in the top 25%:** No

**Position of publication:** 49

**No. of journals in the cat.:** 179

- 94** García-Martínez, T.; Vendrell-Flotats, M.; Martínez-Rodero, I.; Ordóñez-León, E.A.; Álvarez-Rodríguez, M.; López-Béjar, M.; Yeste, M.; Mogas, T. Glutathione ethyl ester protects in vitro-maturing bovine oocytes against oxidative stress induced by subsequent vitrification/warming. *International Journal of Molecular Sciences*. 21 - 20, pp. 7547. (United States of America): MDPI (Multidisciplinary Digital Publishing Institute), 2020. ISSN 1422-0067

**DOI:** <https://doi.org/10.3390/ijms21207547>

**Handle:** <http://hdl.handle.net/10256/18551>

**Type of production:** Scientific paper

**Position of signature:** 7

**Total no. authors:** 8

**Impact source:** ISI

**Impact index in year of publication:** 5.923

**Position of publication:** 67

**Impact source:** ISI

**Impact index in year of publication:** 5.923

**Position of publication:** 49

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 298

**Category:** CHEMISTRY, MULTIDISCIPLINARY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 179

- 95** Pezo, F.; Zambrano, F.; Uribe, P.; Risopatrón, J.; Moya, C.; De Andrade, A.F.C.; Burgos, R.A.; Yeste, M.; Sánchez, R. Oxidative and nitrosative stress in frozen-thawed pig spermatozoa. II: Effect of the addition of saccharides to freezing medium on sperm function. *Cryobiology*. 97, pp. 5 - 11. (United States of America): Elsevier, 2020. ISSN 0011-2240

**DOI:** <https://doi.org/10.1016/j.cryobiol.2020.10.015>

**Type of production:** Scientific paper

**Position of signature:** 8

**Total no. authors:** 9

**Impact source:** ISI

**Impact index in year of publication:** 2.487

**Position of publication:** 44

**Impact source:** ISI

**Impact index in year of publication:** 2.487

**Position of publication:** 50

**Format:** Journal

**Category:** BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 93

**Category:** PHYSIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 81

- 96** Papas, M.; Catalán, J.; Recuero, S.; Morrell, J.M.; Yeste, M.\*; Miró, J.\* (\*Joint senior authors). Single Layer Centrifugation improves the quality of fresh donkey semen and modifies their sperm ability to interact with polymorphonuclear neutrophils. *Animals*. 10 - 11, pp. 2128. (Switzerland): MDPI (Multidisciplinary Digital Publishing Institute), 2020. ISSN 2076-2615

**DOI:** <https://doi.org/10.3390/ani10112128>

**Handle:** <http://hdl.handle.net/10256/18678>

**Type of production:** Scientific paper

**Position of signature:** 6

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 2.752

**Position of publication:** 13

**Impact source:** ISI

**Impact index in year of publication:** 2.752

**Position of publication:** 19

**Format:** Journal

**Corresponding author:** Yes

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 63

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 146

- 97** Del Romero, A.; Cuervo, B.; Peláez, P.; Miguel, L.; Torres, M.; Yeste, M.; Rivera del Álamo, M.M.; Rubio, C.P.; Rubio, M. Changes in acute phase proteins in bitches after laparoscopic, midline and flank ovarietomy using the same method for hemostasis. *Animals*. 10 - 12, pp. 2223. (Switzerland): MDPI (Multidisciplinary Digital Publishing Institute), 2020. ISSN 2076-2615

**DOI:** <https://doi.org/10.3390/ani10122223>

**Handle:** <http://hdl.handle.net/10256/18732>

**Type of production:** Scientific paper

**Position of signature:** 6

**Total no. authors:** 9

**Impact source:** ISI

**Impact index in year of publication:** 2.752

**Position of publication:** 13

**Impact source:** ISI

**Impact index in year of publication:** 2.752

**Position of publication:** 19

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 63

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 146

- 98** Blanco-Prieto, O.; Catalán, J.; Trujillo-Rojas, L.; Peña, A.; Rivera del Álamo, M.M.; Llavanera, M.; Bonet, S.; Fernández-Novell, J.M.; Yeste, M.\*; Rodríguez-Gil, J.E.\* (\*Joint senior authors). Red LED light acts on the mitochondrial electron chain of mammalian sperm via light-time exposure-dependent mechanisms. *Cells*. 9 - 12, pp. 2546. (Switzerland): 2020. ISSN 2073-4409

**DOI:** <https://doi.org/10.3390/Cells9122546>

**Handle:** <http://hdl.handle.net/10256/18733>

**Type of production:** Scientific paper

**Position of signature:** 10

**Total no. authors:** 10

**Impact source:** ISI

**Impact index in year of publication:** 6.600

**Position of publication:** 53

**Format:** Journal

**Corresponding author:** Yes

**Category:** CELL BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 195

- 99** Catalán, J.; Papas, M.; Trujillo-Rojas, L.; Blanco-Prieto, O.; Bonilla-Correal, S.; Rodríguez-Gil, J.E.; Miró, J.; Yeste, M. Red LED light acts on the mitochondrial electron chain of donkey sperm and its effects depend on the time of exposure to light. *Frontiers in Cell and Developmental Biology*. 8 - Art.núm. 588621, (Switzerland): Frontiers Media, 2020. ISSN 2296-634X

**DOI:** <https://doi.org/10.3389/fcell.2020.588621>

**Handle:** <http://hdl.handle.net/10256/18774>

**Type of production:** Scientific paper

**Position of signature:** 8

**Total no. authors:** 8

**Impact source:** ISI

**Impact index in year of publication:** 6.684

**Position of publication:** 6

**Format:** Journal

**Corresponding author:** Yes

**Category:** DEVELOPMENTAL BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 41

**Impact source:** ISI

**Impact index in year of publication:** 6.684

**Position of publication:** 52

**Category:** CELL BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 195

- 100** Pavaneli, A.P.P.; Passarelli, M.D.S.; de Freitas, F.V.; Ravagnani, G.M.; Torres, M.A.; Martins, S.M.M.K.; Yeste, M.; de Andrade, A.F.C. Removal of seminal plasma prior to liquid storage of boar spermatozoa: A practice that can improve their fertilizing ability. *Theriogenology*. 125, pp. 79 - 86. (United States of America): Elsevier, 2019. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2018.10.020>

**Type of production:** Scientific paper

**Format:** Journal



**Position of signature:** 7

**Total no. authors:** 8

**Impact source:** ISI

**Impact index in year of publication:** 2.094

**Position of publication:** 26

**Impact source:** ISI

**Impact index in year of publication:** 2.094

**Position of publication:** 20

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 142

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

- 101** Pereira, B.A.; Zangeronimo, M.G.; Castillo-Martín, M.; Gadani, B.; Chaves, B.R.; Rodríguez-Gil, J.E.; Bonet, S.; Yeste, M. Supplementing maturation medium with insulin growth factor I and vitrification-warming solutions with reduced glutathione enhances survival rates and development ability of in vitro matured vitrified-warmed pig oocytes. *Frontiers in Physiology*. 9, pp. 1894. (Switzerland): Frontiers Media, 2019. ISSN 1664-042X

**DOI:** <https://doi.org/10.3389/fphys.2018.01894>

**Handle:** <http://hdl.handle.net/10256/16221>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 8

**Total no. authors:** 8

**Impact source:** ISI

**Category:** PHYSIOLOGY

**Impact index in year of publication:** 3.367

**Journal in the top 25%:** Yes

**Position of publication:** 20

**No. of journals in the cat.:** 81

- 102** Arcarons, N.; Vendrell-Flotats, M.; Yeste, M.; Mercadé, E.; López-Béjar, M.; Mogas, T. Cryoprotectant role of exopolysaccharide of *Pseudomonas* sp. ID1 in the vitrification of IVM cow oocytes. *Reproduction, Fertility and Development*. 31 - 9, pp. 1507 - 1519. (Australia): CSIRO Publishing, 2019. ISSN 1031-3613

**DOI:** <https://doi.org/10.1071/RD18447>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 0

**Total no. authors:** 6

**Impact source:** ISI

**Category:** DEVELOPMENTAL BIOLOGY

**Impact index in year of publication:** 1,718

**Journal in the top 25%:** No

**Position of publication:** 33

**No. of journals in the cat.:** 41

**Impact source:** ISI

**Category:** ZOOLOGY

**Impact index in year of publication:** 1,718

**Journal in the top 25%:** No

**Position of publication:** 47

**No. of journals in the cat.:** 168

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1,718

**Journal in the top 25%:** No

**Position of publication:** 25

**No. of journals in the cat.:** 29

- 103** Blanco-Prieto, O.; Catalán, J.; Leonart, M.; Bonet, S.; Yeste, M.; Rodríguez-Gil, J.E. Red-light stimulation of boar semen prior to artificial insemination improves field fertility in farms: A worldwide survey. *Reproduction in Domestic Animals*. 54 - 8, pp. 1145 - 1148. (Germany): Wiley, 2019. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.13470>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 5

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 1,641  
**Position of publication:** 23

**Impact source:** ISI

**Impact index in year of publication:** 1,641  
**Position of publication:** 40

**Impact source:** ISI

**Impact index in year of publication:** 1,641  
**Position of publication:** 27

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 63

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 142

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

- 104** Recuero, S.; Fernandez-Fuertes, B.; Bonet, S.; Barranco, I.; Yeste, M. Potential of seminal plasma to improve the fertility of frozen-thawed boar spermatozoa. *Theriogenology*. 137, pp. 36 - 42. (United States of America): Elsevier, 2019. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2019.05.035>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 5

**Total no. authors:** 5

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 2,094

**Journal in the top 25%:** Yes

**Position of publication:** 26

**No. of journals in the cat.:** 142

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 2,094

**Journal in the top 25%:** No

**Position of publication:** 20

**No. of journals in the cat.:** 29

- 105** Llavanera, M.; Delgado-Bermúdez, A.; Fernandez-Fuertes, B.; Recuero, S.; Mateo, Y.; Bonet, S.; Barranco, I.; Yeste, M. GSTM3, but not IZUMO1, is a cryotolerance marker of boar sperm. *Journal Of Animal Science And Biotechnology*. 10, pp. 61. (China): 2019. ISSN 2049-1891

**DOI:** <https://doi.org/10.1186/s40104-019-0370-5>

**Handle:** <http://hdl.handle.net/10256/18218>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 8

**Total no. authors:** 8

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 4.167

**Journal in the top 25%:** Yes

**Position of publication:** 3

**No. of journals in the cat.:** 63

- 106** Delgado-Bermúdez, A.; Llavanera, M.; Fernández-Bastit, L.; Recuero, S.; Mateo, Y.; Bonet, S.; Barranco, I.; Fernández-Fuertes, B.; Yeste, M. Aquaglyceroporins but not orthodox aquaporins are involved in the cryotolerance of pig spermatozoa. *Journal Of Animal Science And Biotechnology*. 10 - Art.núm. 77, (China): 2019. ISSN 2049-1891

**DOI:** <https://doi.org/10.1186/s40104-019-0388-8>

**Handle:** <http://hdl.handle.net/10256/17111>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 9

**Total no. authors:** 9

**Impact source:** ISI

**Impact index in year of publication:** 4,167

**Position of publication:** 3

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 63

- 107** Barranco, I.; Padilla, L.; Tvarijonaviciute, A.; Parrilla, I.; Martínez, E.A.; Rodriguez-Martinez, H.; Yeste, M.; Roca, J. Levels of activity of superoxide dismutase in seminal plasma do not predict fertility of pig AI-semen doses. *Theriogenology*. 140, pp. 18 - 24. (United States of America): Elsevier, 2019. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2019.08.010>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 7

**Total no. authors:** 8

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 142

**Impact index in year of publication:** 2,094

**Position of publication:** 26

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

**Impact index in year of publication:** 2,094

**Position of publication:** 20

- 108** Valencia, J.; Yeste, M.; Quintero-Moreno, A.; Henao, F.J. A new test based on the hypotonic resistance and functional competence to evaluate the sperm quality, cryotolerance and in vitro fertilizing ability in pigs. *Theriogenology*. 140, pp. 84 - 92. (United States of America): Elsevier, 2019. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2019.08.022>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Total no. authors:** 4

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 142

**Impact index in year of publication:** 2,094

**Position of publication:** 26

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

**Impact index in year of publication:** 2,094

**Position of publication:** 20

- 109** Papas, M.; Arroyo, L.; Bassols, A.; Catalan, J.; Bonilla-Correal, S.; Gacem, S.; Yeste, M.\*; Miró, J.\* (\*Joint senior authors). Activities of antioxidant seminal plasma enzymes (SOD, CAT, GPX and GSR) are higher in jackasses than in stallions and are correlated with sperm motility in jackasses. *Theriogenology*. 140, pp. 180 - 187. (United States of America): Elsevier, 2019. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2019.08.032>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 7

**Total no. authors:** 8

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 142

**Impact index in year of publication:** 2,094

**Position of publication:** 26

**Impact source:** ISI  
**Impact index in year of publication:** 2.094  
**Position of publication:** 20

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 29

- 110** Ferré-Dolcet, L.; Yeste, M.; Vendrell, M.; Rigau, T.; Rodríguez-Gil, J.E.; Rivera Del Álamo, M.M. Uterine and placental specific localization of AQP2 and AQP8 is related with changes of serum progesterone levels in pregnant queens. *Theriogenology*. 142, pp. 149 - 157. (United States of America): Elsevier, 2019. ISSN 0093-691X

**Type of production:** Scientific paper  
**Position of signature:** 2  
**Total no. authors:** 6

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 2.094  
**Position of publication:** 26

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 142

**Impact source:** ISI  
**Impact index in year of publication:** 2.094  
**Position of publication:** 20

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 29

- 111** Fernandez-Fuertes, B.; Sánchez, J.M.; Bagés-Arnal, S.; McDonald, M.; Yeste, M.; Lonergan, P. Species-specific and collection method-dependent differences in endometrial susceptibility to seminal plasma-induced RNA degradation. *Scientific Reports*. 9 - Art.núm.15072, (United Kingdom): Nature Publishing Group, 2019. ISSN 2045-2322

**DOI:** <https://doi.org/10.1038/s41598-019-51413-4>

**Handle:** <http://hdl.handle.net/10256/17109>

**Type of production:** Scientific paper  
**Position of signature:** 5

**Format:** Journal

**Total no. authors:** 6

**Impact source:** ISI  
**Impact index in year of publication:** 3.998  
**Position of publication:** 17

**Category:** MULTIDISCIPLINARY SCIENCES  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 71

- 112** Papas, M.; Catalán, J.; Fernandez-Fuertes, B.; Arroyo, L.; Bassols, A.; Miró, J.; Yeste, M. Specific Activity of Superoxide Dismutase in Stallion Seminal Plasma Is Related to Sperm Cryotolerance. *Antioxidants*. 8 - 11, pp. 539. (Switzerland): MDPI (Multidisciplinary Digital Publishing Institute), 2019. ISSN 2076-3921

**DOI:** <https://doi.org/10.3390/antiox8110539>

**Handle:** <http://hdl.handle.net/10256/17223>

**Type of production:** Scientific paper  
**Position of signature:** 7

**Format:** Journal

**Total no. authors:** 7

**Impact source:** ISI  
**Impact index in year of publication:** 5.014  
**Position of publication:** 56

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 297

**Impact source:** ISI  
**Impact index in year of publication:** 5.014  
**Position of publication:** 10

**Category:** FOOD SCIENCE & TECHNOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 139

**Impact source:** ISI  
**Impact index in year of publication:** 5.014  
**Position of publication:** 7

**Category:** CHEMISTRY, MEDICINAL  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 61

- 113** Delgado-Bermúdez, A.; Noto, F.; Bonilla-Corral, S.; Garcia-Bonavila, E.; Catalán, J.; Papas, M.; Bonet, S.; Miró, J.; Yeste, M. Cryotolerance of stallion spermatozoa relies on GLPs rather than orthodox AQPs. *Biology*. 8 - 4, pp. 85. (Switzerland): MDPI (Multidisciplinary Digital Publishing Institute), 2019. ISSN 2079-7737  
**DOI:** <https://doi.org/10.3390/biology8040085>  
**Handle:** <http://hdl.handle.net/10256/17224>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 9  
**Total no. authors:** 9  
**Impact source:** ISI **Category:** BIOLOGY  
**Impact index in year of publication:** 3.796 **Journal in the top 25%:** Yes  
**Position of publication:** 19 **No. of journals in the cat.:** 93
- 114** Papas, M.; Catalan, J.; Barranco, I.; Arroyo, L.; Bassols, A.; Yeste, M.\*; Miró, J.\* (\*Joint senior authors). Total and specific activities of superoxide dismutase (SOD) in seminal plasma are related with the cryotolerance of jackass spermatozoa. *Cryobiology*. 92, pp. 109 - 116. (United States of America): Elsevier, 2019. ISSN 0011-2240  
**DOI:** <https://doi.org/10.1016/j.cryobiol.2019.11.043>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 6  
**Total no. authors:** 7  
**Impact source:** ISI **Category:** BIOLOGY  
**Impact index in year of publication:** 2.283 **Journal in the top 25%:** No  
**Position of publication:** 40 **No. of journals in the cat.:** 93
- 115** Salas-Huetos, A.; James, E.R.; Aston, K.I.; Carrell, D.T.; Jenkins, T.G.; Yeste, M. The Expression of miRNAs in Human Ovaries, Oocytes, Extracellular Vesicles, and Early Embryos: A Systematic Review. *Cells*. 8 - 12, pp. 1564. (Switzerland): 2019. ISSN 2073-4409  
**DOI:** <https://doi.org/10.3390/cells8121564>  
**Handle:** <http://hdl.handle.net/10256/17311>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 6  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** CELL BIOLOGY  
**Impact index in year of publication:** 4.366 **Journal in the top 25%:** No  
**Position of publication:** 70 **No. of journals in the cat.:** 195
- 116** Llavanera, M.; Mateo-Otero, Y.; Bonet, S.; Barranco, I.; Fernández-Fuertes, B.; Yeste, M. The triple role of glutathione S-transferases in mammalian male fertility. *Cellular and Molecular Life Sciences*. 77, pp. 2331 - 2342. (Switzerland): Springer-Verlag, 2019. ISSN 1420-682X  
**DOI:** <https://doi.org/10.1007/s00018-019-03405-w>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 6  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 6.496 **Journal in the top 25%:** Yes  
**Position of publication:** 37 **No. of journals in the cat.:** 297

**Impact source:** ISI  
**Impact index in year of publication:** 6.496  
**Position of publication:** 38

**Category:** CELL BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 195

- 117** Delgado-Bermúdez, A.; Llavanera, M.; Recuero, S.; Mateo-Otero, Y.; Bonet, S.; Barranco, I.; Fernandez-Fuertes, B.; Yeste, M. Effect of AQP inhibition on boar sperm cryotolerance depends on the intrinsic freezability of the ejaculate. *International Journal of Molecular Sciences*. 20 - 24, pp. 6255. (United States of America): MDPI (Multidisciplinary Digital Publishing Institute), 2019. ISSN 1422-0067

**DOI:** <https://doi.org/10.3390/ijms20246255>

**Handle:** <http://hdl.handle.net/10256/17329>

**Type of production:** Scientific paper

**Position of signature:** 0

**Total no. authors:** 8

**Impact source:** ISI

**Impact index in year of publication:** 4.556

**Position of publication:** 74

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 297

**Impact source:** ISI

**Impact index in year of publication:** 4.556

**Position of publication:** 48

**Category:** CHEMISTRY, MULTIDISCIPLINARY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 177

- 118** Yeste, M.; Llavanera, M.; Scornik, F.; Pérez, G.; Puig-Parri, J.; Brugada, R.; Bonet, S.; Pinart, E. Elucidating the role of K<sup>+</sup> channels during in vitro capacitation of boar spermatozoa: do SLO1 channels play a crucial role?. *International Journal of Molecular Sciences*. 20 - 4, pp. 6330. (United States of America): MDPI (Multidisciplinary Digital Publishing Institute), 2019. ISSN 1422-0067

**DOI:** <https://doi.org/10.3390/ijms20246330>

**Handle:** <http://hdl.handle.net/10256/17343>

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 8

**Impact source:** ISI

**Impact index in year of publication:** 4.556

**Position of publication:** 74

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 297

**Impact source:** ISI

**Impact index in year of publication:** 4.556

**Position of publication:** 48

**Category:** CHEMISTRY, MULTIDISCIPLINARY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 177

- 119** Betarelli, R.; Rocco, M.; Yeste, M.; Fernández-Novell, J.M.; Placci, A.; Pereira B.A.; Estrada E.; Peña, A.; Zangeronimo, M.G.; Rodríguez-Gil, J.E. The achievement of the in vitro capacitation in boar sperm is related to an increase of disrupted disulphide bonds and intracellular ROS levels. *Andrology*. 6, pp. 781 - 797. (United States of America): American Society of Andrology, 2018. ISSN 2047-2919

**DOI:** <https://doi.org/10.1111/andr.12514>

**Type of production:** Scientific paper

**Position of signature:** 3

**Total no. authors:** 10

**Impact source:** ISI

**Impact index in year of publication:** 3.106

**Position of publication:** 1

**Format:** Journal

**Category:** ANDROLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 7

- 120** Rocco, M.; Betarelli, R.; Placci, A.; Fernández-Novell, J.M.; Spinaci, M.; Casao, A.; Muiño-Blanco, T.; Cebrián-Pérez, J.A.; Peña, A.; Rigau, T.; Bonet, S.; Yeste, M.\*; Rodríguez-Gil, J.E.\* (\*Joint senior authors). Melatonin affects the motility and adhesiveness of in vitro capacitated boar spermatozoa via a mechanism that does not depend on intracellular ROS levels. *Andrology*. 6, pp. 720 - 736. (United States of America): American Society of Andrology, 2018. ISSN 2047-2919  
**DOI:** <https://doi.org/10.1111/andr.12504>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 12  
**Total no. authors:** 13  
**Impact source:** ISI **Category:** ANDROLOGY  
**Impact index in year of publication:** 3.106 **Journal in the top 25%:** Yes  
**Position of publication:** 1 **No. of journals in the cat.:** 7
- 121** Yeste, M.; Castillo-Martín, M.; Bonet, S.; Rodríguez-Gil, J.E. Impact of light irradiation on preservation and function of mammalian spermatozoa. *Animal Reproduction Science*. 194, pp. 19 - 32. (Holland): Elsevier Masson, 2018. ISSN 0378-4320  
**DOI:** <https://doi.org/10.1016/j.anireprosci.2018.02.004>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1  
**Total no. authors:** 4  
**Impact source:** ISI **Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Impact index in year of publication:** 1.817 **Journal in the top 25%:** Yes  
**Position of publication:** 12 **No. of journals in the cat.:** 61  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 1.817 **Journal in the top 25%:** No  
**Position of publication:** 22 **No. of journals in the cat.:** 29
- 122** Yeste, M.; Bonet, S.; Rodríguez-Gil, J.E.; Rivera del Álamo, M.M. Evaluation of sperm motility with CASA-Mot: which factors may influence our measurements?. *Reproduction, Fertility and Development*. 30 - 6, pp. 789 - 798. (Australia): CSIRO Publishing, 2018. ISSN 1031-3613  
**DOI:** <https://doi.org/10.1071/RD17475>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1  
**Total no. authors:** 4  
**Impact source:** ISI **Category:** DEVELOPMENTAL BIOLOGY  
**Impact index in year of publication:** 1.723 **Journal in the top 25%:** No  
**Position of publication:** 31 **No. of journals in the cat.:** 42  
**Impact source:** ISI **Category:** ZOOLOGY  
**Impact index in year of publication:** 1.723 **Journal in the top 25%:** Yes  
**Position of publication:** 42 **No. of journals in the cat.:** 170  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 1.723 **Journal in the top 25%:** No  
**Position of publication:** 24 **No. of journals in the cat.:** 29
- 123** Puig-Timonet, A.; Castillo-Martín, M.; Pereira B.A.; Pinart, E.; Bonet, S.; Yeste, M. Evaluation of porcine beta defensins-1 and -2 as antimicrobial peptides for liquid-stored boar semen: effects on bacterial growth and sperm quality. *Theriogenology*. 111, pp. 9 - 18. (United States of America): Elsevier, 2018. ISSN 0093-691X

DOI: <https://doi.org/10.1016/j.theriogenology.2018.01.014>

Type of production: Scientific paper

Format: Journal

Position of signature: 6

Total no. authors: 6

Impact source: ISI

Category: VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

Impact index in year of publication: 2.299

Journal in the top 25%: Yes

Position of publication: 11

No. of journals in the cat.: 141

Impact source: ISI

Category: REPRODUCTIVE BIOLOGY

Impact index in year of publication: 2.299

Journal in the top 25%: No

Position of publication: 18

No. of journals in the cat.: 29

- 124** Bucci, D.; Spinaci, M.; Yeste, M.; Mislei, B.; Gadani, B.; Prieto-Martínez, N.; Love, C.C.; Mari, G.; Tamanini, C.; Galeati, G. Combined effects of resveratrol and epigallocatechin-3-gallate on post thaw boar sperm and IVF parameters. *Theriogenology*. 117, pp. 16 - 25. (United States of America): Elsevier, 2018. ISSN 0093-691X

DOI: <https://doi.org/10.1016/j.theriogenology.2018.05.016>

Type of production: Scientific paper

Format: Journal

Position of signature: 3

Total no. authors: 10

Impact source: ISI

Category: VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

Impact index in year of publication: 2.299

Journal in the top 25%: Yes

Position of publication: 11

No. of journals in the cat.: 141

Impact source: ISI

Category: REPRODUCTIVE BIOLOGY

Impact index in year of publication: 2.299

Journal in the top 25%: No

Position of publication: 18

No. of journals in the cat.: 29

- 125** Morató, R.; Prieto-Martínez, N.; Muiño, R.; Hidalgo, C.O.; Rodríguez-Gil, J.E.; Bonet, S.; Yeste, M. Aquaporin 11 is related to cryotolerance and fertilising ability of frozen-thawed bull spermatozoa. *Reproduction, Fertility and Development*. 30, pp. 1099 - 1108. (Australia): CSIRO Publishing, 2018. ISSN 1031-3613

DOI: <https://doi.org/10.1071/RD17340>

Type of production: Scientific paper

Format: Journal

Position of signature: 7

Total no. authors: 7

Impact source: ISI

Category: DEVELOPMENTAL BIOLOGY

Impact index in year of publication: 1.723

Journal in the top 25%: No

Position of publication: 31

No. of journals in the cat.: 42

Impact source: ISI

Category: ZOOLOGY

Impact index in year of publication: 1.723

Journal in the top 25%: Yes

Position of publication: 42

No. of journals in the cat.: 170

Impact source: ISI

Category: REPRODUCTIVE BIOLOGY

Impact index in year of publication: 1.723

Journal in the top 25%: No

Position of publication: 24

No. of journals in the cat.: 29



- 126** Ferré-Dolcet, L.; Yeste, M.; Vendrell, M.; Rigau, T.; Rodríguez-Gil, J.E.; Rivera del Álamo, M.M. Placental and uterine expression of GLUT3, but not GLUT1, is related with serum progesterone levels during the first stages of pregnancy in queens. *Theriogenology*. 121, pp. 82 - 90. (United States of America): Elsevier, 2018. ISSN 0093-691X  
**DOI:** <https://doi.org/10.1016/j.theriogenology.2018.08.002>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 2  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Impact index in year of publication:** 2.299 **Journal in the top 25%:** Yes  
**Position of publication:** 11 **No. of journals in the cat.:** 141  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 2.299 **Journal in the top 25%:** No  
**Position of publication:** 18 **No. of journals in the cat.:** 29
- 127** Gimeno-Martos, S.; Casao, A.; Yeste, M.; Cebrián-Pérez, J.A.; Muiño-Blanco, T.; Pérez-Pé, R. Melatonin reduces cAMP-stimulated capacitation of ram spermatozoa. *Reproduction, Fertility and Development*. 31 - 2, pp. 420 - 431. (Australia): CSIRO Publishing, 2018. ISSN 1031-3613  
**DOI:** <https://doi.org/10.1071/RD18087>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 3  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** DEVELOPMENTAL BIOLOGY  
**Impact index in year of publication:** 1.723 **Journal in the top 25%:** No  
**Position of publication:** 31 **No. of journals in the cat.:** 42  
**Impact source:** ISI **Category:** ZOOLOGY  
**Impact index in year of publication:** 1.723 **Journal in the top 25%:** Yes  
**Position of publication:** 42 **No. of journals in the cat.:** 170  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 1.723 **Journal in the top 25%:** No  
**Position of publication:** 24 **No. of journals in the cat.:** 29
- 128** Polonio-Alcalá, E.; Rabionet, M.; Guerra, A.J.; Yeste, M.; Ciurana, J.; Puig, T. Screening of Additive Manufactured Scaffolds Designs for Triple Negative Breast Cancer 3D Cell Culture and Stem-Like Expansion. *International Journal of Molecular Sciences*. 19 - 10, pp. 3148. (United States of America): MDPI (Multidisciplinary Digital Publishing Institute), 2018. ISSN 1661-6596  
**DOI:** <https://doi.org/10.3390/ijms19103148>  
**Handle:** <http://hdl.handle.net/10256/16029>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 4  
**Total no. authors:** 6
- 129** Rivera del Alamo, M.M.; Reilas, T.; Galvão, A.; Yeste, M.; Katila, T. Cyclooxygenase-2 is inhibited in prolonged luteal maintenance induced by intrauterine devices in mares. *Animal Reproduction Science*. 199, pp. 93 - 103. (Holland): Elsevier Masson, 2018. ISSN 0378-4320  
**DOI:** <https://doi.org/10.1016/j.anireprosci.2018.11.004>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 4

**Total no. authors:** 5

**Impact source:** ISI

**Impact index in year of publication:** 1.817

**Position of publication:** 12

**Impact source:** ISI

**Impact index in year of publication:** 1.817

**Position of publication:** 22

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 61

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

**130** Bonet S; Delgado-Bermúdez A; Yeste M; Pinart E. Study of boar sperm interaction with *Escherichia coli* and *Clostridium perfringens* in refrigerated semen. *Animal Reproduction Science*. 197, pp. 134 - 144. (Holland): Elsevier Masson, 2018. ISSN 0378-4320

**DOI:** <https://doi.org/10.1016/j.anireprosci.2018.08.021>

**Type of production:** Scientific paper

**Position of signature:** 3

**Total no. authors:** 4

**Impact source:** ISI

**Impact index in year of publication:** 1.817

**Position of publication:** 12

**Impact source:** ISI

**Impact index in year of publication:** 1.817

**Position of publication:** 22

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 61

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

**131** Prieto-Martínez, N.; Morató, R.; Muiño, R.; Hidalgo, C.O.; Rodríguez-Gil, J.E.; Bonet, S.; Yeste, M. Aquaglyceroporins 3 and 7 in bull spermatozoa: identification, localisation and their relationship with sperm cryotolerance. *Reproduction, Fertility and Development*. 29 - 6, pp. 1249 - 1259. (Australia): CSIRO Publishing, 2017. ISSN 1031-3613

**DOI:** <https://doi.org/10.1071/RD16077>

**Handle:** <http://hdl.handle.net/10256/15498>

**Type of production:** Scientific paper

**Position of signature:** 0

**Total no. authors:** 7

**Impact source:** ISI

**Impact index in year of publication:** 2.656

**Position of publication:** 27

**Impact source:** ISI

**Impact index in year of publication:** 2.656

**Position of publication:** 29

**Impact source:** ISI

**Impact index in year of publication:** 2.656

**Position of publication:** 20

**Format:** Journal

**Category:** DEVELOPMENTAL BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 42

**Category:** ZOOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 167

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

**132** Pinart, E.; Domènech, E.; Bussalleu, E.; Yeste, M.; Bonet S. A comparative study of the effects of *Escherichia coli* and *Clostridium perfringens* upon boar semen preserved in liquid storage. *Animal Reproduction Science*. 177, pp. 65 - 78. (Holland): Elsevier Masson, 2017. ISSN 0378-4320

**Handle:** <http://hdl.handle.net/10256/13720>

**Type of production:** Scientific paper

**Position of signature:** 4

**Total no. authors:** 5

**Impact source:** ISI

**Impact index in year of publication:** 1,647

**Position of publication:** 14

**Impact source:** ISI

**Impact index in year of publication:** 1,647

**Position of publication:** 22

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 60

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

- 133** Sprícigo, J.F.; Morató, R.; Arcarons, N.; Yeste, M.; Dode, M.; López-Bejar, M.; Mogas, T. Assessment of the effect of adding L-carnitine and/or resveratrol to maturation medium prior to vitrification on in vitro matured bovine oocytes. *Theriogenology*. 89, pp. 47 - 57. (United States of America): Elsevier, 2017. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2016.09.035>

**Type of production:** Scientific paper

**Position of signature:** 4

**Total no. authors:** 7

**Impact source:** ISI

**Impact index in year of publication:** 2,136

**Position of publication:** 13

**Impact source:** ISI

**Impact index in year of publication:** 2,136

**Position of publication:** 19

**Format:** Journal

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 140

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

- 134** Prieto-Martínez, N.; Vilagran, I.; Morató, R.; Rodríguez-Gil, J.E.; Bonet, S.; Yeste, M. Relationship of aquaporins 3 (AQP3), 7 (AQP7) and 11 (AQP11) with boar sperm resilience to withstand freeze-thawing procedures. *Andrology*. 5 - 6, pp. 1153 - 1164. (United States of America): American Society of Andrology, 2017. ISSN 2047-2919

**DOI:** <https://doi.org/10.1111/andr.12410>

**Handle:** <http://hdl.handle.net/10256/14499>

**Type of production:** Scientific paper

**Position of signature:** 0

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 2,734

**Position of publication:** 2

**Format:** Journal

**Category:** ANDROLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 6

- 135** Yeste, M.; Rodríguez-Gil, J.E.; Bonet, S. Artificial insemination with frozen-thawed boar sperm. *Molecular Reproduction and Development*. 84 - 9, pp. 802 - 813. (United States of America): Wiley, 2017. ISSN 1040-452X

**DOI:** <https://doi.org/10.1002/mrd.22840>

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 3

**Impact source:** ISI

**Impact index in year of publication:** 3.113

**Position of publication:** 128

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 293

**Impact source:** ISI

**Category:** DEVELOPMENTAL BIOLOGY

**Impact index in year of publication:** 3.113  
**Position of publication:** 11

**Impact source:** ISI  
**Impact index in year of publication:** 3.113  
**Position of publication:** 105

**Impact source:** ISI  
**Impact index in year of publication:** 3.113  
**Position of publication:** 6

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 42

**Category:** CELL BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 190

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 29

- 136** Sancho S; Briz M; Yeste M; Bonet S; Bussalleu E. Effects of the antimicrobial peptide protegrin 1 on sperm viability and bacterial load of boar seminal doses. *Reproduction in Domestic Animals*. 52 - Suppl 4, pp. 69 - 71. (Germany): Wiley, 2017. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.13061>

**Type of production:** Scientific paper

**Position of signature:** 3

**Total no. authors:** 5

**Impact source:** ISI

**Impact index in year of publication:** 1.422  
**Position of publication:** 19

**Impact source:** ISI

**Impact index in year of publication:** 1.422  
**Position of publication:** 45

**Impact source:** ISI

**Impact index in year of publication:** 1.422  
**Position of publication:** 27

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 60

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 140

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 29

- 137** Rabionet, Marc; Yeste, Marc; Puig, Teresa; Ciurana, Joaquim. Electrospinning PCL Scaffolds Manufacture for Three-Dimensional Breast Cancer Cell Culture. *Polymers*. 9 - 8, pp. 328. (Switzerland): MDPI (Multidisciplinary Digital Publishing Institute), 2017. ISSN 2073-4360

**DOI:** <https://doi.org/10.3390/polym9080328>

**Handle:** <http://hdl.handle.net/10256/14368>

**Type of production:** Scientific paper

**Position of signature:** 0

**Total no. authors:** 4

**Impact source:** ISI

**Impact index in year of publication:** 2.935  
**Position of publication:** 19

**Format:** Journal

**Category:** POLYMER SCIENCE

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 87

- 138** Martínez-Abad, S.; Castillo-Martín, M.; Gadani, B.; Rodríguez-Gil, J.E.; Bonet, S.; Yeste, M. Voltage-Dependent Anion Channel 2 (VDAC2) is involved in in vitro capacitation of boar sperm. *Reproduction in Domestic Animals*. 52 - Suppl 4, pp. 65 - 68. (Germany): Wiley, 2017. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.13060>

**Type of production:** Scientific paper

**Position of signature:** 6

**Total no. authors:** 6

**Format:** Journal

**Impact source:** ISI

**Impact index in year of publication:** 1.422

**Position of publication:** 19

**Impact source:** ISI

**Impact index in year of publication:** 1.422

**Position of publication:** 45

**Impact source:** ISI

**Impact index in year of publication:** 1.422

**Position of publication:** 27

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 60

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 140

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

- 139** Estrada, E.; Rivera del Álamo, M.M.; Rodríguez-Gil, J.E.; Yeste, M. The addition of reduced glutathione to cryopreservation media induces changes in the structure of motile subpopulations of frozen-thawed boar sperm. *Cryobiology*. 78, pp. 56 - 64. (United States of America): Elsevier, 2017. ISSN 0011-2240

**DOI:** <https://doi.org/10.1016/j.cryobiol.2017.07.002>

**Type of production:** Scientific paper

**Position of signature:** 4

**Total no. authors:** 4

**Impact source:** ISI

**Impact index in year of publication:** 2.050

**Position of publication:** 30

**Impact source:** ISI

**Impact index in year of publication:** 2.050

**Position of publication:** 52

**Format:** Journal

**Category:** BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 85

**Category:** PHYSIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 83

- 140** Bonilla-Correal, S.; Noto, F.; Garcia-Bonavila, E.; Rodríguez-Gil, J.E.; Yeste, M.\*; Miró, J.\* (\*Joint senior authors). First evidence for the presence of aquaporins in stallion sperm. *Reproduction in Domestic Animals*. 52 - Suppl 4, pp. 61 - 64. (Germany): Wiley, 2017. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.13059>

**Type of production:** Scientific paper

**Position of signature:** 5

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 1.422

**Position of publication:** 19

**Impact source:** ISI

**Impact index in year of publication:** 1.422

**Position of publication:** 45

**Impact source:** ISI

**Impact index in year of publication:** 1.422

**Position of publication:** 27

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 60

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 140

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

- 141** Arcarons, N.; Morató, R.; Vendrell, M.; Yeste, M.; López-Bejar, M.; Rajapaksha, K.; Anzar, M.; Mogas, T. Cholesterol added prior to vitrification on the cryotolerance of immature and in vitro matured bovine oocytes. *PLoS One*. 12 - 9, (United States of America): Public Library of Science (PLoS), 2017. ISSN 1932-6203  
**DOI:** <https://doi.org/10.1371/journal.pone.0184714>  
**Handle:** <http://hdl.handle.net/10256/15558>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 4  
**Total no. authors:** 8  
**Impact source:** ISI **Category:** MULTIDISCIPLINARY SCIENCES  
**Impact index in year of publication:** 2.766 **Journal in the top 25%:** Yes  
**Position of publication:** 15 **No. of journals in the cat.:** 64
- 142** Yeste, M.; Morató, R.; Rodríguez-Gil, J.E.; Bonet, S.; Prieto-Martínez, N. Aquaporins in the male reproductive tract and sperm: functional implications and cryobiology. *Reproduction in Domestic Animals*. 52 - Suppl 4, pp. 12 - 27. (Germany): Wiley, 2017. ISSN 0936-6768  
**DOI:** <https://doi.org/10.1111/rda.13082>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1  
**Total no. authors:** 5  
**Impact source:** ISI **Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Impact index in year of publication:** 1.422 **Journal in the top 25%:** No  
**Position of publication:** 19 **No. of journals in the cat.:** 60  
**Impact source:** ISI **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Impact index in year of publication:** 1.422 **Journal in the top 25%:** No  
**Position of publication:** 45 **No. of journals in the cat.:** 140  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 1.422 **Journal in the top 25%:** No  
**Position of publication:** 27 **No. of journals in the cat.:** 29
- 143** Yeste, M.; Jones, C.; Amdani, S.N.; Patel, S.; Coward, K. Oocyte activation deficiency: a role for an oocyte contribution?. *Human Reproduction Update*. 22 - 1, pp. 23 - 47. (United Kingdom): 2016. ISSN 1355-4786  
**DOI:** <https://doi.org/10.1093/humupd/dmv040>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1  
**Total no. authors:** 5  
**Impact source:** ISI **Category:** OBSTETRICS & GYNECOLOGY  
**Impact index in year of publication:** 11.748 **Journal in the top 25%:** Yes  
**Position of publication:** 1 **No. of journals in the cat.:** 80  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 11.748 **Journal in the top 25%:** Yes  
**Position of publication:** 1 **No. of journals in the cat.:** 29
- 144** Andaluz, A.; Yeste, M.; Rodríguez-Gil, J.E.; Rigau, T.; García, F.; Rivera del Álamo, M.M. Pro-inflammatory cytokines: useful markers for canine mammary tumours diagnosis?. *The Veterinary Journal*. 210, pp. 92 - 94. (United Kingdom): Elsevier, 2016. ISSN 1090-0233  
**DOI:** <https://doi.org/10.1016/j.tvjl.2016.01.016>

**Type of production:** Scientific paper

**Position of signature:** 2

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 1.802

**Position of publication:** 21

**Format:** Journal

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 136

**145** Yeste, M. Sperm cryopreservation update: cryodamage, markers and factors affecting the sperm freezability in pigs. *Theriogenology*. 85, pp. 47 - 64. (United States of America): Elsevier, 2016. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2015.09.047>

**Type of production:** Scientific paper

**Position of signature:** 0

**Total no. authors:** 1

**Impact source:** ISI

**Impact index in year of publication:** 1.986

**Position of publication:** 15

**Impact source:** ISI

**Impact index in year of publication:** 1.986

**Position of publication:** 20

**Format:** Journal

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 136

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

**146** Reilas, T; Rivera del Álamo, M.M.; Liepina, E.; Yeste, M.; Katila T. Effects of cervical occlusion after insemination on the equine endometrium. *Theriogenology*. 85, pp. 617 - 624. (United States of America): Elsevier, 2016. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2015.09.053>

**Type of production:** Scientific paper

**Position of signature:** 4

**Total no. authors:** 5

**Impact source:** ISI

**Impact index in year of publication:** 1.986

**Position of publication:** 15

**Impact source:** ISI

**Impact index in year of publication:** 1.986

**Position of publication:** 20

**Format:** Journal

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 136

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

**147** Amdani, S.N.; Yeste, M.; Jones, C.; Coward, K. Phospholipase C zeta (PLC $\zeta$ ) and male infertility: clinical update and topical developments. *Advances in Biological Regulation*. 61, pp. 58 - 67. Elsevier, 2016. ISSN 2212-4926

**DOI:** <https://doi.org/10.1016/j.jbior.2015.11.009>

**Type of production:** Scientific paper

**Position of signature:** 0

**Format:** Journal

**148** Yeste, M.; Codony, F.; Estrada, E.; Leonart, M.; Balasch, S.; Peña, A.; Bonet, S.; Rodríguez-Gil, J.E. Specific LED-based red light photo-stimulation procedures improve overall sperm function and reproductive performance of boar ejaculates. *Scientific Reports*. 6, pp. 22569. (United Kingdom): Nature Publishing Group, 2016. ISSN 2045-2322

**DOI:** <https://doi.org/10.1038/srep22569>

**Handle:** <http://hdl.handle.net/10256/13180>

**Type of production:** Scientific paper  
**Position of signature:** 0  
**Impact source:** ISI  
**Impact index in year of publication:** 4.259  
**Position of publication:** 10

**Format:** Journal

**Category:** MULTIDISCIPLINARY SCIENCES  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 64

- 149** Yeste, M.; Jones, C.; Amdani, S.N.; Yelumalai, S.; Mounce, G.; Martins Da Silva, S.J.; Child, T.; Coward, K. Does advancing male age influence the expression levels and localisation patterns of phospholipase C zeta (PLC $\zeta$ ) in human sperm?. *Scientific Reports*. 6, pp. 27543. (United Kingdom): Nature Publishing Group, 2016. ISSN 2045-2322

**DOI:** <https://doi.org/10.1038/srep27543>

**Handle:** <http://hdl.handle.net/10256/14027>

**Type of production:** Scientific paper

**Position of signature:** 0

**Total no. authors:** 8

**Impact source:** ISI

**Impact index in year of publication:** 4.259

**Position of publication:** 10

**Format:** Journal

**Category:** MULTIDISCIPLINARY SCIENCES  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 64

- 150** Sepúlveda, L.; Bussalleu, E.; Yeste, M.; Bonet, S. Effect of *Pseudomonas aeruginosa* on sperm capacitation and protein phosphorylation of boar spermatozoa. *Theriogenology*. 85 - 8, pp. 1421 - 1431. (United States of America): Elsevier, 2016. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2015.12.025>

**Handle:** <http://hdl.handle.net/10256/12612>

**Type of production:** Scientific paper

**Position of signature:** 0

**Total no. authors:** 4

**Impact source:** ISI

**Impact index in year of publication:** 1.986

**Position of publication:** 15

**Impact source:** ISI

**Impact index in year of publication:** 1.986

**Position of publication:** 20

**Format:** Journal

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 136

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 29

- 151** Vilagran, I.; Castillo-Martín, M.; Prieto-Martínez, N.; Bonet, S.; Yeste, M. Triosephosphate isomerase (TPI) and epididymal secretory glutathione peroxidase (GPX5) are markers for boar sperm quality. *Animal Reproduction Science*. 165, pp. 22 - 30. (Holland): Elsevier Masson, 2016. ISSN 0378-4320

**DOI:** <https://doi.org/10.1016/j.anireprosci.2015.12.001>

**Handle:** <http://hdl.handle.net/10256/12024>

**Type of production:** Scientific paper

**Position of signature:** 0

**Total no. authors:** 5

**Impact source:** ISI

**Impact index in year of publication:** 1.605

**Position of publication:** 13

**Impact source:** ISI

**Impact index in year of publication:** 1.605

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 58

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No



**Position of publication:** 22

**No. of journals in the cat.:** 29

- 152** Bussalleu E; Sancho S, Briz MD; Yeste M; Bonet S. Do antimicrobial peptides PR-39, PMAP-36 and PMAP-37 have any effect on bacterial growth and quality of liquid-stored boar semen?. *Theriogenology*. 89, pp. 235 - 243. (United States of America): Elsevier, 2016. ISSN 0093-691X  
**DOI:** <https://doi.org/10.1016/j.theriogenology.2016.11.017>  
**Handle:** <http://hdl.handle.net/10256/13673>  
**Type of production:** Scientific paper  
**Position of signature:** 0  
**Impact source:** ISI  
**Impact index in year of publication:** 1.986  
**Position of publication:** 15  
**Impact source:** ISI  
**Impact index in year of publication:** 1.986  
**Position of publication:** 20  
**Format:** Journal  
**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 136  
**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 29
- 153** Yeste, M. State-of-the-art of boar sperm preservation in liquid and frozen state. *Animal Reproduction*. 14, pp. 69 - 81. (Brazil): 2016. ISSN 1806-9614  
**DOI:** <https://doi.org/10.21451/1984-3143-AR895>  
**Type of production:** Scientific paper  
**Position of signature:** 1  
**Total no. authors:** 1  
**Impact source:** ISI  
**Impact index in year of publication:** 0,906  
**Position of publication:** 26  
**Format:** Journal  
**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 58
- 154** Giaretta, E.; Munerato, M.; Yeste, M.; Galeati, G.; Spinaci, M.; Tamanini, C.; Gaetano, M.; Bucci, D. Implementing an open-access CASA software for the assessment of stallion sperm motility: relationship with other sperm quality parameters. *Animal Reproduction Science*. 176, pp. 11 - 19. (Holland): Elsevier Masson, 2016. ISSN 0378-4320  
**DOI:** <https://doi.org/10.1016/j.anireprosci.2016.11.003>  
**Type of production:** Scientific paper  
**Position of signature:** 3  
**Total no. authors:** 8  
**Impact source:** ISI  
**Impact index in year of publication:** 1,605  
**Position of publication:** 13  
**Impact source:** ISI  
**Impact index in year of publication:** 1,605  
**Position of publication:** 22  
**Format:** Journal  
**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 58  
**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 29
- 155** Davidson, L.M.; Barkalina, N.; Yeste, M.; Jones, C.; Coward, K. Development of a laser-activated mesoporous silica nanocarrier delivery system for applications in molecular and genetic research. *Journal of Biomedical Optics*. 21, pp. 115002. (United States of America): 2016. ISSN 1083-3668  
**DOI:** <https://doi.org/10.1117/1.JBO.21.11.115002>  
**Type of production:** Scientific paper  
**Format:** Journal

**Position of signature:** 3

**Total no. authors:** 5

**Impact source:** ISI

**Impact index in year of publication:** 2,530

**Position of publication:** 30

**Impact source:** ISI

**Impact index in year of publication:** 2,530

**Position of publication:** 40

**Impact source:** ISI

**Impact index in year of publication:** 2,530

**Position of publication:** 37

**Category:** OPTICS

**Journal in the top 25%:** No

**No. of journals in the cat.:** 92

**Category:** RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING

**Journal in the top 25%:** No

**No. of journals in the cat.:** 127

**Category:** BIOCHEMICAL RESEARCH METHODS

**Journal in the top 25%:** No

**No. of journals in the cat.:** 78

- 156** Giaretta, E.; Estrada, E.; Bucci, D.; Spinaci, M.; Rodríguez-Gil, J.E.; Yeste, M. Combining reduced glutathione and ascorbic acid has supplementary beneficial effects on boar sperm cryotolerance. *Theriogenology*. 83 - 3, pp. 399 - 407. (United States of America): Elsevier, 2015. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2014.10.002>

**Type of production:** Scientific paper

**Position of signature:** 6

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 1.798

**Position of publication:** 18

**Impact source:** ISI

**Impact index in year of publication:** 1.798

**Position of publication:** 20

**Format:** Journal

**Corresponding author:** Yes

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 138

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

- 157** Covarrubias, A.A.; Yeste, M.; Salazar, E.; Ramírez, A.; Rodríguez-Gil, J.E.; Concha, I.I. The Wnt1 ligand/Frizzled 3 receptor system plays a regulatory role in the achievement of the 'in vitro' capacitation and subsequent 'in vitro' acrosome exocytosis of porcine spermatozoa. *Andrology*. 3 - 3, pp. 357 - 367. (United States of America): American Society of Andrology, 2015. ISSN 2047-2919

**DOI:** <https://doi.org/10.1111/andr.12011>

**Type of production:** Scientific paper

**Position of signature:** 0

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 2.515

**Position of publication:** 2

**Format:** Journal

**Category:** ANDROLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 5

- 158** Yeste, M.; Fernández-Novell, J.M.; Ramió-Lluch, L.; Estrada, E.; Rocha, L.G.; Cebrián-Pérez, J.A.; Muiño-Blanco, T.; Concha, I.I.; Ramírez, A.; Rodríguez-Gil, J.E. Intracellular calcium movements of boar spermatozoa during 'in vitro' capacitation and subsequent acrosome exocytosis follow a multiple-storage place, extracellular calcium-dependent model. *Andrology*. 3, pp. 729 - 747. (United States of America): American Society of Andrology, 2015. ISSN 2047-2919

**DOI:** <https://doi.org/10.1111/andr.12054>

**Type of production:** Scientific paper

**Position of signature:** 0

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 2.515  
**Position of publication:** 2

**Category:** ANDROLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 5

- 159** Yelumalai, S.; Yeste, M.; Jones, C.; Amdani, S.N.; Kashir, J.; Mounce, G.; Barratt, C.; McVeigh, E.; Coward, K. Total levels and proportions of sperm exhibiting phospholipase C Zeta (PLC $\zeta$ ) are significantly correlated with fertilization rates following intracytoplasmic sperm injection. *Fertility and Sterility*. 104 - 3, pp. 561 - 568. (United States of America): Elsevier, 2015. ISSN 0015-0282

**DOI:** <https://doi.org/10.1016/j.fertnstert.2015.05.018>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 0

**Total no. authors:** 9

**Impact source:** ISI

**Category:** OBSTETRICS & GYNECOLOGY

**Impact index in year of publication:** 4.426

**Journal in the top 25%:** Yes

**Position of publication:** 5

**No. of journals in the cat.:** 80

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 4.426

**Journal in the top 25%:** Yes

**Position of publication:** 3

**No. of journals in the cat.:** 29

- 160** Yeste, M. Recent advances in boar sperm cryopreservation: state of the art and current perspectives. *Reproduction in Domestic Animals*. 50 - Suppl 2, pp. 71 - 79. (Germany): Wiley, 2015. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.12569>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 0

**Total no. authors:** 1

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.21

**Journal in the top 25%:** No

**Position of publication:** 19

**No. of journals in the cat.:** 58

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.21

**Journal in the top 25%:** No

**Position of publication:** 44

**No. of journals in the cat.:** 138

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.21

**Journal in the top 25%:** No

**Position of publication:** 26

**No. of journals in the cat.:** 29

- 161** Amdani, S.N.; Yeste, M.; Jones, C.; Coward, K. Sperm factors and oocyte activation: current controversies and considerations. *Biology of Reproduction*. 50, pp. 1 - 8. (United States of America): Oxford University Press, 2015. ISSN 0006-3363

**DOI:** <https://doi.org/10.1095/biolreprod.115.130609>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 0

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 3.471

**Journal in the top 25%:** Yes

**Position of publication:** 5

**No. of journals in the cat.:** 29

- 162** Estrada, E.; Rodríguez-Gil, J.E.; Rivera del Álamo, M.M.; Peña, A.; Yeste, M. Effects of reduced glutathione on acrosin activity in frozen-thawed boar spermatozoa. *Reproduction, Fertility and Development*. 29 - 2, pp. 283 - 293. (Australia): CSIRO Publishing, 2015. ISSN 1031-3613  
DOI: <https://doi.org/10.1071/RD15118>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 5  
**Total no. authors:** 5  
**Impact source:** ISI **Category:** DEVELOPMENTAL BIOLOGY  
**Impact index in year of publication:** 2.135 **Journal in the top 25%:** No  
**Position of publication:** 28 **No. of journals in the cat.:** 41  
**Impact source:** ISI **Category:** ZOOLOGY  
**Impact index in year of publication:** 2.135 **Journal in the top 25%:** Yes  
**Position of publication:** 22 **No. of journals in the cat.:** 161  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 2.135 **Journal in the top 25%:** No  
**Position of publication:** 17 **No. of journals in the cat.:** 29
- 163** Luna, C.\*; Yeste, M.\*; Rivera del Álamo, M.M.; Domingo, J.; Casao, A.; Rodríguez-Gil, J.E.; Pérez-Pé, R.; Cebrián-Pérez, J.A.; Muiño-Blanco, T. (\*Joint first authors). Effect of seminal plasma proteins on the motile sperm subpopulations in ram ejaculates. *Reproduction, Fertility and Development*. 29 - 2, pp. 394 - 405. (Australia): CSIRO Publishing, 2015. ISSN 1031-3613  
DOI: <https://doi.org/10.1071/RD15231>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0  
**Impact source:** ISI **Category:** DEVELOPMENTAL BIOLOGY  
**Impact index in year of publication:** 2.135 **Journal in the top 25%:** No  
**Position of publication:** 28 **No. of journals in the cat.:** 41  
**Impact source:** ISI **Category:** ZOOLOGY  
**Impact index in year of publication:** 2.135 **Journal in the top 25%:** Yes  
**Position of publication:** 22 **No. of journals in the cat.:** 161  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 2.135 **Journal in the top 25%:** No  
**Position of publication:** 17 **No. of journals in the cat.:** 29
- 164** Vilagran, I.; Yeste, M.; Sancho, .S; Castillo, J.; Oliva, R.; Bonet, S. Comparative analysis of boar seminal plasma proteome from different freezability ejaculates and identification of Fibronectin 1 as sperm freezability marker. *Andrology*. 3 - 2, pp. 345 - 356. (United States of America): American Society of Andrology, 2015. ISSN 2047-2919  
DOI: <https://doi.org/10.1111/andr.12009>  
Handle: <http://hdl.handle.net/10256/12393>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** ANDROLOGY  
**Impact index in year of publication:** 2.515 **Journal in the top 25%:** No  
**Position of publication:** 2 **No. of journals in the cat.:** 5



- 165** Pinart, E.; Yeste, M.; Bonet, S. Acrosin activity is a good predictor of boar sperm freezability. *Theriogenology*. 83 - 9, pp. 1525 - 1533. (United States of America): Elsevier, 2015. ISSN 0093-691X  
DOI: <https://doi.org/10.1016/j.theriogenology.2015.02.005>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0  
**Total no. authors:** 3  
**Impact source:** ISI **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Impact index in year of publication:** 1.838 **Journal in the top 25%:** Yes  
**Position of publication:** 18 **No. of journals in the cat.:** 138  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 1.838 **Journal in the top 25%:** No  
**Position of publication:** 20 **No. of journals in the cat.:** 29
- 166** Pinart, E.; Yeste, M.; Prieto-Martínez, N.; Reixach, J.; Bonet, S. Sperm quality and fertility of boar seminal doses after 2 days of storage: Does the type of extender really matter?. *Theriogenology*. 83 - 9, pp. 1428 - 1437. (United States of America): Elsevier, 2015. ISSN 0093-691X  
DOI: <https://doi.org/10.1016/j.theriogenology.2015.01.007>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0  
**Total no. authors:** 5  
**Impact source:** ISI **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Impact index in year of publication:** 1.838 **Journal in the top 25%:** Yes  
**Position of publication:** 18 **No. of journals in the cat.:** 138  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 1.838 **Journal in the top 25%:** No  
**Position of publication:** 20 **No. of journals in the cat.:** 29
- 167** Prieto-Martínez, N; Morató, R; Vilagran, I; Rodríguez-Gil, JE; Bonet, S; Yeste, M. Aquaporins in boar spermatozoa. Part II: detection and localization of 3 Aquaglyceroporin 3. *Reproduction, Fertility and Development*. 29, pp. 703 - 711. (Australia): CSIRO Publishing, 2015. ISSN 1031-3613  
DOI: <https://doi.org/10.1071/RD15164>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 6  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** DEVELOPMENTAL BIOLOGY  
**Impact index in year of publication:** 2.135 **Journal in the top 25%:** No  
**Position of publication:** 28 **No. of journals in the cat.:** 41  
**Impact source:** ISI **Category:** ZOOLOGY  
**Impact index in year of publication:** 2.135 **Journal in the top 25%:** Yes  
**Position of publication:** 22 **No. of journals in the cat.:** 161  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 2.135 **Journal in the top 25%:** No  
**Position of publication:** 17 **No. of journals in the cat.:** 29



- 168** Sepúlveda, L.; Bussalleu, E.; Yeste, M.; Bonet, S. Effects of different concentrations of *Pseudomonas aeruginosa* on boar sperm quality. *Animal Reproduction Science*. 150 - 3-4, pp. 96 - 106. (Holland): Elsevier Masson, 2014. ISSN 0378-4320  
DOI: <https://doi.org/10.1016/j.anireprosci.2014.09.001>  
**Type of production:** Scientific paper  
**Position of signature:** 0  
**Impact source:** ISI  
**Impact index in year of publication:** 1.511  
**Position of publication:** 15  
**Impact source:** ISI  
**Impact index in year of publication:** 1.511  
**Position of publication:** 26  
**Format:** Journal  
**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 57  
**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 30
- 169** Morató, R.; Castillo-Martín, M.; Yeste, M.; Bonet, S. Cryotolerance of porcine in vitro-produced blastocysts relies on blastocyst stage and length of in vitro culture prior to vitrification. *Reproduction, Fertility and Development*. 28, pp. 886 - 892. (Australia): CSIRO Publishing, 2014. ISSN 1031-3613  
DOI: <https://doi.org/10.1071/RD14203>  
**Type of production:** Scientific paper  
**Position of signature:** 3  
**Total no. authors:** 4  
**Impact source:** ISI  
**Impact index in year of publication:** 2.400  
**Position of publication:** 27  
**Impact source:** ISI  
**Impact index in year of publication:** 2.400  
**Position of publication:** 18  
**Impact source:** ISI  
**Impact index in year of publication:** 2.400  
**Position of publication:** 15  
**Format:** Journal  
**Category:** DEVELOPMENTAL BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 41  
**Category:** ZOOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 154  
**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 30
- 170** Yeste, M. New insights into SET protein during mouse spermatogenesis. *Asian Journal of Andrology*. 16 - 5, pp. 783 - 783. (China): Medknow Publications, 2014. ISSN 1008-682X  
DOI: <https://doi.org/10.4103/1008-682X.131065>  
**Type of production:** Scientific paper  
**Position of signature:** 1  
**Total no. authors:** 1  
**Impact source:** ISI  
**Impact index in year of publication:** 2.596  
**Position of publication:** 2  
**Impact source:** ISI  
**Impact index in year of publication:** 2.596  
**Position of publication:** 24  
**Format:** Journal  
**Corresponding author:** Yes  
**Category:** ANDROLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 7  
**Category:** UROLOGY & NEPHROLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 78

- 171** Yeste, M.; Holt, W.V.; Bonet, S.; Rodríguez-Gil, J.E.; Lloyd, R.E. Viable and morphologically normal boar spermatozoa alter the expression of heat-shock protein genes in oviductal epithelial cells during co-culture in vitro. *Molecular Reproduction and Development*. 81 - 9, pp. 805 - 819. (United States of America): Wiley, 2014. ISSN 1040-452X  
DOI: <https://doi.org/10.1002/mrd.22350>  
**Type of production:** Scientific paper  
**Position of signature:** 0  
**Impact source:** ISI  
**Impact index in year of publication:** 2.527  
**Position of publication:** 159  
**Impact source:** ISI  
**Impact index in year of publication:** 2.527  
**Position of publication:** 23  
**Impact source:** ISI  
**Impact index in year of publication:** 2.527  
**Position of publication:** 119  
**Impact source:** ISI  
**Impact index in year of publication:** 2.527  
**Position of publication:** 12  
**Format:** Journal  
**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 290  
**Category:** DEVELOPMENTAL BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 41  
**Category:** CELL BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 184  
**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 30
- 172** Ferraz, M.A.; Morató, R.; Yeste, M.; Arcarons, N.; Pena, A.I.; Tamargo, C.; Hidalgo, C.O.; Muiño, R.; Mogas, T. Evaluation of sperm subpopulation structure in relation to in vitro sperm-oocyte interaction of frozen-thawed semen from Holstein bulls. *Theriogenology*. 81 - 8, pp. 1067 - 1072. (United States of America): Elsevier, 2014. ISSN 0093-691X  
**Type of production:** Scientific paper  
**Position of signature:** 0  
**Impact source:** ISI  
**Impact index in year of publication:** 1.798  
**Position of publication:** 20  
**Impact source:** ISI  
**Impact index in year of publication:** 1.798  
**Position of publication:** 19  
**Format:** Journal  
**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 133  
**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 30
- 173** Botelho, J.H.V.; Pessoa, G.O.; Rocha, L.G.; Yeste, M. Hormonal supplementation protocol using estradiol benzoate and long-acting progesterone is efficient in pregnancy maintenance of anovulatory recipient mares in autumn transitional phase. *Animal Reproduction Science*. 153, pp. 39 - 43. (Holland): Elsevier Masson, 2014. ISSN 0378-4320  
DOI: <https://doi.org/10.1016/j.anireprosci.2014.12.014>  
**Type of production:** Scientific paper  
**Position of signature:** 0  
**Impact source:** ISI  
**Impact index in year of publication:** 1.511  
**Position of publication:** 15  
**Impact source:** ISI  
**Impact index in year of publication:** 1.511  
**Position of publication:** 26  
**Format:** Journal  
**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 57  
**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 30

- 174** Yeste, M.; Estrada, E.; Rocha, L.G.; Marín, H.; Rodríguez-Gil, J.E.; Miró, J. Cryotolerance of stallion spermatozoa is related to ROS production and mitochondrial membrane potential rather than to the integrity of sperm nucleus. *Andrology*. 3, pp. 395 - 407. (United States of America): American Society of Andrology, 2014. ISSN 2047-2919  
**DOI:** <https://doi.org/10.1111/andr.291>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** ANDROLOGY  
**Impact index in year of publication:** 2.298 **Journal in the top 25%:** No  
**Position of publication:** 4 **No. of journals in the cat.:** 7
- 175** Vilagran, I.; Yeste, M.; Sancho, S.; Casas, I.; Rivera del Álamo, M.M.; Bonet, S. Relationship of sperm small heat-shock protein 10 and voltage-dependent anion channel 2 with semen freezability in boars. *Theriogenology*. 82 - 3, pp. 418 - 426. (United States of America): Elsevier, 2014. ISSN 0093-691X  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Impact index in year of publication:** 1.798 **Journal in the top 25%:** Yes  
**Position of publication:** 20 **No. of journals in the cat.:** 133  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 1.798 **Journal in the top 25%:** No  
**Position of publication:** 19 **No. of journals in the cat.:** 30
- 176** Castillo-Martín, M.; Bonet, S.; Morató, R.; Yeste, M. Supplementing culture and vitrification-warming media with L-ascorbic acid enhances survival rates and redox status of IVP porcine blastocysts via induction of GPX1 and SOD1 expression. *Cryobiology*. 68 - 3, pp. 451 - 458. (United States of America): Elsevier, 2014. Available on-line at: <<http://dx.doi.org/10.1016/j.cryobiol.2014.03.001>>. ISSN 0011-2240  
**DOI:** <https://doi.org/10.1016/j.cryobiol.2014.03.001>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0  
**Total no. authors:** 4  
**Impact source:** ISI **Category:** BIOLOGY  
**Impact index in year of publication:** 1.587 **Journal in the top 25%:** No  
**Position of publication:** 35 **No. of journals in the cat.:** 85  
**Impact source:** ISI **Category:** PHYSIOLOGY  
**Impact index in year of publication:** 1.587 **Journal in the top 25%:** No  
**Position of publication:** 63 **No. of journals in the cat.:** 83
- 177** Castillo-Martín, M.; Yeste, M.; Pericuesta, E.; Morató, R.; Gutiérrez-Adán, A.; Bonet, S. Effects of vitrification on the expression of pluripotency, apoptotic and stress genes in in vitro-produced porcine blastocysts. *Reproduction, Fertility and Development*. 27, pp. 1072 - 1081. (Australia): CSIRO Publishing, 2014. ISSN 1031-3613  
**DOI:** <https://doi.org/10.1071/RD13405>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 2  
**Total no. authors:** 6



**Impact source:** ISI  
**Impact index in year of publication:** 2.400  
**Position of publication:** 27

**Category:** DEVELOPMENTAL BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 41

**Impact source:** ISI  
**Impact index in year of publication:** 2.400  
**Position of publication:** 18

**Category:** ZOOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 154

**Impact source:** ISI  
**Impact index in year of publication:** 2.400  
**Position of publication:** 15

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 30

- 178** Castillo-Martín, M.; Yeste, M.; Soler, A.; Morató, R.; Bonet, S. Addition of l-ascorbic acid to culture and vitrification media of IVF porcine blastocysts improves survival and reduces HSPA1A levels of vitrified embryos. *Reproduction, Fertility and Development*. 27 - 7, pp. 1115 - 1123. (Australia): CSIRO Publishing, 2014. Available on-line at: <<http://dx.doi.org/10.1071/RD14078>>. ISSN 1031-3613

**DOI:** <https://doi.org/10.1071/RD14078>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Total no. authors:** 5

**Impact source:** ISI  
**Impact index in year of publication:** 2.4  
**Position of publication:** 27

**Category:** DEVELOPMENTAL BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 41

**Impact source:** ISI  
**Impact index in year of publication:** 2.4  
**Position of publication:** 18

**Category:** ZOOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 154

**Impact source:** ISI  
**Impact index in year of publication:** 2.4  
**Position of publication:** 15

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 30

- 179** Yeste, M.; Estrada, E.; Rivera Del Álamo, M.M.; Bonet, S.; Rigau, T.; Rodríguez-Gil, J.E. The increase in phosphorylation levels of serine residues of protein HSP70 during holding time at 17°C is concomitant with a higher cryotolerance of boar spermatozoa. *PLoS One*. 9 - 3, pp. 90887. (United States of America): Public Library of Science (PLoS), 2014. Available on-line at: <<http://dx.doi.org/10.1371/journal.pone.0090887>>. ISSN 1932-6203

**DOI:** <https://doi.org/10.1371/journal.pone.0090887>

**Handle:** <http://hdl.handle.net/10256/15235>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 0

**Total no. authors:** 6

**Impact source:** ISI  
**Impact index in year of publication:** 3.234  
**Position of publication:** 9

**Category:** MULTIDISCIPLINARY SCIENCES  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 57

- 180** Yeste, M.; Estrada, E.; Pinart, E.; Bonet, S.; Miró, J.; Rodríguez-Gil, J.E. The improving effect of reduced glutathione on boar sperm cryotolerance is related with the intrinsic ejaculate freezability. *Cryobiology*. 68 - 2, pp. 251 - 261. (United States of America): Elsevier, 2014. ISSN 0011-2240

**DOI:** <https://doi.org/10.1016/j.cryobiol.2014.02.004>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 0

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 1.587

**Position of publication:** 35

**Category:** BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 85

**Impact source:** ISI

**Impact index in year of publication:** 1.587

**Position of publication:** 63

**Category:** PHYSIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 83

- 181** Estrada, E.; Rodríguez-Gil, J.E.; Rocha, L.G.; Balasch, S.; Bonet, S.; Yeste, M. Supplementing cryopreservation media with reduced glutathione increases fertility and prolificacy of sows inseminated with frozen-thawed boar semen. *Andrology*. 2 - 1, pp. 88 - 99. (United States of America): American Society of Andrology, 2014. ISSN 2047-2919

**DOI:** <https://doi.org/10.1111/j.2047-2927.2013.00144.x>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 6

**Total no. authors:** 6

**Impact source:** ISI

**Category:** ANDROLOGY

**Impact index in year of publication:** 2.298

**Journal in the top 25%:** No

**Position of publication:** 4

**No. of journals in the cat.:** 7

- 182** Prieto-Martínez, N.; Vilagran, I.; Morató, R.; Rodríguez-Gil, J.E.; Yeste, M.; Bonet, S. Aquaporins 7 and 11 in boar spermatozoa: detection, localisation and relationship with sperm quality. *Reproduction, Fertility and Development*. 28 - 6, pp. 663 - 672. (Australia): CSIRO Publishing, 2014. ISSN 1031-3613

**DOI:** <https://doi.org/10.1071/RD14237>

**Handle:** <http://hdl.handle.net/10256/15132>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 5

**Total no. authors:** 6

**Impact source:** ISI

**Category:** DEVELOPMENTAL BIOLOGY

**Impact index in year of publication:** 2.4

**Journal in the top 25%:** No

**Position of publication:** 27

**No. of journals in the cat.:** 41

**Impact source:** ISI

**Category:** ZOOLOGY

**Impact index in year of publication:** 2.4

**Journal in the top 25%:** Yes

**Position of publication:** 18

**No. of journals in the cat.:** 154

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 2.4

**Journal in the top 25%:** No

**Position of publication:** 15

**No. of journals in the cat.:** 30

- 183** Prieto-Martínez N; Bussalleu E; Garcia-Bonavila E; Bonet S; Yeste M. Effects of *Enterobacter cloacae* on boar sperm quality during liquid storage at 17°C. *Animal Reproduction Science*. 148 - 1-2, pp. 72 - 82. (Holland): Elsevier Masson, 2014. ISSN 0378-4320

**DOI:** <https://doi.org/10.1016/j.anireprosci.2014.05.008>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 5

**Total no. authors:** 5

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.511

**Journal in the top 25%:** No

**Position of publication:** 15

**No. of journals in the cat.:** 57

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.511

**Journal in the top 25%:** No

**Position of publication:** 26

**No. of journals in the cat.:** 30

- 184** Sepúlveda, L.; Bussalleu, E.; Yeste, M.; Torner, E.; Bonet, S. How do different concentrations of *Clostridium perfringens* affect the quality of extended boar spermatozoa?. *Animal Reproduction Science*. 140 - 1/2, pp. 83 - 91. (Holland): Elsevier Masson, 2013. Available on-line at: <<http://dx.doi.org/10.1016/j.anireprosci.2013.04.013>>. ISSN 0378-4320

**DOI:** <https://doi.org/10.1016/j.anireprosci.2013.04.013>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 0

**Total no. authors:** 5

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.581

**Journal in the top 25%:** Yes

**Position of publication:** 11

**No. of journals in the cat.:** 51

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.581

**Journal in the top 25%:** No

**Position of publication:** 24

**No. of journals in the cat.:** 30

- 185** Yeste, M.; Estrada, E.; Casas, I.; Bonet, S.; Rodríguez-Gil, J.E. Good and bad freezability boar ejaculates differ in the integrity of nucleoprotein structure after freeze-thawing but not in ROS levels. *Theriogenology*. 79 - 6, pp. 929 - 939. (United States of America): Elsevier, 2013. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2013.01.008>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 5

**Total no. authors:** 1

**Impact source:** ISI

**Corresponding author:** Yes

**Impact index in year of publication:** 1.845

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Position of publication:** 17

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 129

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.845

**Journal in the top 25%:** No

**Position of publication:** 18

**No. of journals in the cat.:** 30

- 186** Ramió-Lluch, L.; Yeste, M.; Fernández-Novell, J.M.; Estrada, E.; Rocha, L.; Cebrián-Pérez, J.A.; Muiño-Blanco, T.; Concha, I.I.; Ramírez, A.; Rodríguez-Gil, J.E. Oligomycin A-induced inhibition of mitochondrial ATP-synthase activity suppresses boar sperm motility and in vitro capacitation achievement without modifying overall sperm energy levels. *Reproduction, Fertility and Development*. 26 - 6, pp. 883 - 897. (Australia): CSIRO Publishing, 2013. ISSN 1031-3613

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 0

**Impact source:** ISI

**Category:** DEVELOPMENTAL BIOLOGY

**Impact index in year of publication:** 2.577

**Journal in the top 25%:** No

**Position of publication:** 23

**No. of journals in the cat.:** 41

**Impact source:** ISI

**Category:** ZOOLOGY

**Impact index in year of publication:** 2.577

**Journal in the top 25%:** Yes

**Position of publication:** 17

**Impact source:** ISI

**Impact index in year of publication:** 2.577

**Position of publication:** 13

**No. of journals in the cat.:** 152

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 30

- 187** Miró, J.; Vilés, K.; García, W.; Jordana, J.; Yeste, M. Effect of donkey seminal plasma on sperm movement and sperm-polymorphonuclear neutrophils attachment in vitro. *Animal Reproduction Science*. 140 - 3-4, pp. 164 - 172. (Holland): Elsevier Masson, 2013. ISSN 0378-4320

**DOI:** <https://doi.org/10.1016/j.anireprosci.2013.06.007>

**Type of production:** Scientific paper

**Position of signature:** 0

**Total no. authors:** 5

**Impact source:** ISI

**Impact index in year of publication:** 1.581

**Position of publication:** 11

**Impact source:** ISI

**Impact index in year of publication:** 1.581

**Position of publication:** 24

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 51

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 30

- 188** Martin-Hidalgo, D.; Hurtado de Llera, A.; Yeste, M.; Cruz Gil, M.; Bragado, M.J.; Garcia-Marin, L.J. Adenosine monophosphate-activated kinase, AMPK, is involved in the maintenance of the quality of extended boar semen during long-term storage. *Theriogenology*. 80 - 4, pp. 285 - 294. (United States of America): Elsevier, 2013. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2013.02.015>

**Type of production:** Scientific paper

**Position of signature:** 0

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 1.845

**Position of publication:** 17

**Impact source:** ISI

**Impact index in year of publication:** 1.845

**Position of publication:** 18

**Format:** Journal

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 129

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 30

- 189** Vilagran, I.; Castillo, J.; Sancho, S.; Yeste, M.; Estanyol, J.M.; Bonet, S.; Oliva, R. Acrosin-binding protein (ACRBP) and triosephosphate isomerase (TPI) are good markers to predict boar sperm freezing capacity. *Theriogenology*. 80 - 5, pp. 443 - 450. (United States of America): Elsevier, 2013. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2013.05.006>

**Type of production:** Scientific paper

**Position of signature:** 0

**Total no. authors:** 7

**Impact source:** ISI

**Impact index in year of publication:** 1.845

**Position of publication:** 17

**Impact source:** ISI

**Format:** Journal

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 129

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.845  
**Position of publication:** 18

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 30

- 190** Torner, E.; Bussalleu, E.; Briz, M.D.; Yeste, M.; Bonet, S. Embryo development and sex ratio of in vitro-produced porcine embryos are affected by the energy substrate and hyaluronic acid added to the culture medium. *Reproduction, Fertility and Development*. 26 - 4, pp. 570 - 577. (Australia): CSIRO Publishing, 2013. ISSN 1031-3613

**DOI:** <https://doi.org/10.1071/RD13004>

**Type of production:** Scientific paper

**Position of signature:** 0

**Total no. authors:** 5

**Impact source:** ISI

**Impact index in year of publication:** 2.577

**Position of publication:** 23

**Impact source:** ISI

**Impact index in year of publication:** 2.577

**Position of publication:** 17

**Impact source:** ISI

**Impact index in year of publication:** 2.577

**Position of publication:** 13

**Format:** Journal

**Category:** DEVELOPMENTAL BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 41

**Category:** ZOOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 152

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 30

- 191** Castillo-Martín, M.; Bonet, S.; Morató, R.; Yeste, M. Comparative effects of adding B-mercaptoethanol or L-ascorbic acid to culture or vitrification-warming media on IVF porcine embryos. *Reproduction, Fertility and Development*. 26 - 6, pp. 875 - 882. (Australia): CSIRO Publishing, 2013. Available on-line at: <<http://dx.doi.org/10.1071/RD13116>>. ISSN 1031-3613

**DOI:** <https://doi.org/10.1071/RD13116>

**Type of production:** Scientific paper

**Position of signature:** 0

**Total no. authors:** 4

**Impact source:** ISI

**Impact index in year of publication:** 2.577

**Position of publication:** 23

**Impact source:** ISI

**Impact index in year of publication:** 2.577

**Position of publication:** 17

**Impact source:** ISI

**Impact index in year of publication:** 2.577

**Position of publication:** 13

**Format:** Journal

**Category:** DEVELOPMENTAL BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 41

**Category:** ZOOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 152

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 30

- 192** Torner, E.; Bussalleu, E.; Briz, M.D.; Yeste, M.; Bonet, S. Energy substrate influences the effect of the timing of the first embryonic cleavage on the development of in vitro-produced porcine embryos in a sex-related manner. *Molecular Reproduction and Development*. 80 - 11, pp. 924 - 935. (United States of America): Wiley, 2013. ISSN 1040-452X

**DOI:** <https://doi.org/10.1002/mrd.22229>

**Type of production:** Scientific paper

**Position of signature:** 0

**Total no. authors:** 5

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 2.675  
**Position of publication:** 162

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 291

**Impact source:** ISI  
**Impact index in year of publication:** 2.675  
**Position of publication:** 20

**Category:** DEVELOPMENTAL BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 41

**Impact source:** ISI  
**Impact index in year of publication:** 2.675  
**Position of publication:** 117

**Category:** CELL BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 185

**Impact source:** ISI  
**Impact index in year of publication:** 2.675  
**Position of publication:** 11

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 30

**193** Yeste, M.; Flores, E.; Estrada, E.; Bonet, S.; Rigau, T.; Rodríguez-Gil, J.E. Reduced glutathione and procaine hydrochloride protect the nucleoprotein structure of boar spermatozoa during freeze-thawing by stabilising disulfide bonds. *Reproduction, Fertility and Development*. 25 - 7, pp. 1036 - 1050. (Australia): CSIRO Publishing, 2013. ISSN 1031-3613

**DOI:** <https://doi.org/10.1071/RD12230>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 6

**Corresponding author:** Yes

**Impact source:** ISI

**Category:** DEVELOPMENTAL BIOLOGY

**Impact index in year of publication:** 2.577

**Journal in the top 25%:** No

**Position of publication:** 23

**No. of journals in the cat.:** 41

**Impact source:** ISI

**Category:** ZOOLOGY

**Impact index in year of publication:** 2.577

**Journal in the top 25%:** Yes

**Position of publication:** 17

**No. of journals in the cat.:** 152

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 2.577

**Journal in the top 25%:** No

**Position of publication:** 13

**No. of journals in the cat.:** 30

**194** Pinart, E.; Yeste, M.; Puigmulé, M.; Barrera, X.; Bonet, S. Acrosin activity is a suitable indicator of boar semen preservation at 17 °C when increasing environmental temperature and radiation. *Theriogenology*. 80 - 3, pp. 234 - 247. (United States of America): Elsevier, 2013. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2013.04.001>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 0

**Total no. authors:** 5

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.845

**Journal in the top 25%:** Yes

**Position of publication:** 17

**No. of journals in the cat.:** 129

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.845

**Journal in the top 25%:** No

**Position of publication:** 18

**No. of journals in the cat.:** 30

- 195** Yeste, M.; Castillo-Martín, M.; Bonet, S.; Briz, M.D. Direct binding of boar ejaculate and epididymal spermatozoa to porcine epididymal epithelial cells is also needed to maintain sperm survival in in vitro co-culture. *Animal Reproduction Science*. 131 - 3-4, pp. 181 - 193. (Holland): Elsevier Masson, 2012. ISSN 0378-4320  
DOI: <https://doi.org/10.1016/j.anireprosci.2012.03.005>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 4

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.897

**Journal in the top 25%:** Yes

**Position of publication:** 6

**No. of journals in the cat.:** 54

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.897

**Journal in the top 25%:** No

**Position of publication:** 20

**No. of journals in the cat.:** 28

- 196** Castillo-Martín, M.; Yeste, M.; Morató, R.; Mogas, T.; Bonet, S. Cryotolerance of in vitro-produced porcine blastocysts is improved when using glucose instead of pyruvate and lactate during the first 2 days of embryo culture. *Reproduction, Fertility and Development*. 25 - 5, pp. 737 - 745. (Australia): CSIRO Publishing, 2012. Available on-line at: <<http://dx.doi.org/10.1071/RD12117>>. ISSN 1031-3613

DOI: <https://doi.org/10.1071/RD12117>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Total no. authors:** 5

**Impact source:** ISI

**Category:** DEVELOPMENTAL BIOLOGY

**Impact index in year of publication:** 2.583

**Journal in the top 25%:** No

**Position of publication:** 28

**No. of journals in the cat.:** 41

**Impact source:** ISI

**Category:** ZOOLOGY

**Impact index in year of publication:** 2.583

**Journal in the top 25%:** Yes

**Position of publication:** 18

**No. of journals in the cat.:** 151

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 2.583

**Journal in the top 25%:** No

**Position of publication:** 13

**No. of journals in the cat.:** 28

- 197** Bonet, S.; Briz, M.D.; Yeste, M. A proper assessment of boar sperm function may not only require conventional analyses but also others focused on molecular markers of epididymal maturation. *Reproduction in Domestic Animals*. 47 - 3, pp. 52 - 64. (Germany): Wiley, 2012. ISSN 0936-6768

DOI: <https://doi.org/10.1111/j.1439-0531.2012.02033.x>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 0

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.392

**Journal in the top 25%:** Yes

**Position of publication:** 13

**No. of journals in the cat.:** 54

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.392

**Journal in the top 25%:** No

**Position of publication:** 40

**No. of journals in the cat.:** 143

**Impact source:** ISI  
**Impact index in year of publication:** 1.392  
**Position of publication:** 26

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 28

- 198** Casas, I.; Torner, E.; Yeste, M.; Bonet, S. Boar sperm thawing practices: the number of straws does matter. *Theriogenology*. 77 - 7, pp. 1487 - 1494. (United States of America): Elsevier, 2012. ISSN 0093-691X  
**DOI:** <https://doi.org/10.1016/j.theriogenology.2011.10.041>

**Type of production:** Scientific paper  
**Position of signature:** 0  
**Total no. authors:** 4

**Format:** Journal

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.960

**Journal in the top 25%:** Yes

**Position of publication:** 12

**No. of journals in the cat.:** 143

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.960

**Journal in the top 25%:** No

**Position of publication:** 17

**No. of journals in the cat.:** 28

- 199** Bussalleu, E.; Pinart, E.; Yeste, M.; Briz, M.; Sancho, S.; Torner, E.; Bonet, S. A PCR technique to detect enterotoxigenic and verotoxigenic *Escherichia coli* in boar semen samples. *Research in Veterinary Science*. 93 - 1, pp. 31 - 33. (United Kingdom): Elsevier, 2012. Available on-line at: <<http://dx.doi.org/10.1016/j.rvsc.2011.07.012>>. ISSN 0034-5288  
**DOI:** <https://doi.org/10.1016/j.rvsc.2011.07.012>

**Type of production:** Scientific paper  
**Position of signature:** 0  
**Total no. authors:** 7

**Format:** Journal

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.774

**Journal in the top 25%:** Yes

**Position of publication:** 22

**No. of journals in the cat.:** 143

- 200** Yeste, M.; Barrera, X.; Coll, D.; Bonet, S. The effects on boar sperm quality of dietary supplementation with omega-3 polyunsaturated fatty acids differ among porcine breeds. *Theriogenology*. 76 - 1, pp. 184 - 196. (United States of America): Elsevier, 2011. ISSN 0093-691X  
**DOI:** <https://doi.org/10.1016/j.theriogenology.2011.01.032>

**Type of production:** Scientific paper  
**Position of signature:** 1  
**Total no. authors:** 4

**Format:** Journal

**Impact source:** ISI

**Corresponding author:** Yes

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.960

**Journal in the top 25%:** Yes

**Position of publication:** 16

**No. of journals in the cat.:** 143

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.960

**Journal in the top 25%:** No

**Position of publication:** 19

**No. of journals in the cat.:** 28





- 201** Puigmulé, M.; Fábrega, A.; Yeste, M.; Bonet, S.; Pinart, E. Study of the proacrosin-acrosin system in epididymal, ejaculated and in vitro capacitated boar spermatozoa. *Reproduction, Fertility and Development*. 23 - 7, pp. 836 - 845. (Australia): CSIRO Publishing, 2011. ISSN 1031-3613  
**DOI:** <https://doi.org/10.1071/RD10345>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 3  
**Total no. authors:** 5  
**Impact source:** ISI **Category:** DEVELOPMENTAL BIOLOGY  
**Impact index in year of publication:** 2.110 **Journal in the top 25%:** No  
**Position of publication:** 33 **No. of journals in the cat.:** 40  
**Impact source:** ISI **Category:** ZOOLOGY  
**Impact index in year of publication:** 2.110 **Journal in the top 25%:** Yes  
**Position of publication:** 22 **No. of journals in the cat.:** 146  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 2.110 **Journal in the top 25%:** No  
**Position of publication:** 15 **No. of journals in the cat.:** 28
- 202** Fábrega, A.; Puigmulé, M.; Yeste, M.; Casas, I.; Bonet, S.; Pinart, E. Impact of epididymal maturation, ejaculation and in vitro capacitation on tyrosine phosphorylation patterns exhibited of boar (*Sus domesticus*) spermatozoa. *Theriogenology*. 76 - 7, pp. 1356 - 1366. (United States of America): Elsevier, 2011. Available on-line at: <http://dx.doi.org/10.1016/j.theriogenology.2011.06.007>. ISSN 0093-691X  
**DOI:** <https://doi.org/10.1016/j.theriogenology.2011.06.007>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 3  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Impact index in year of publication:** 1.963 **Journal in the top 25%:** Yes  
**Position of publication:** 16 **No. of journals in the cat.:** 143  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 1.963 **Journal in the top 25%:** No  
**Position of publication:** 19 **No. of journals in the cat.:** 28
- 203** Bussalleu, E.; Yeste, M.; Sepúlveda, L.; Torner, E.; Pinart, E.; Bonet, S. Effects of different concentrations of enterotoxigenic and verotoxigenic *E. coli* on boar sperm quality. *Animal Reproduction Science*. 127 - 3-4, pp. 176 - 182. (Holland): Elsevier Masson, 2011. Available on-line at: <http://dx.doi.org/10.1016/j.anireprosci.2011.07.018>. ISSN 0378-4320  
**DOI:** <https://doi.org/10.1016/j.anireprosci.2011.07.018>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 2  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Impact index in year of publication:** 1.750 **Journal in the top 25%:** Yes  
**Position of publication:** 7 **No. of journals in the cat.:** 54  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 1.750 **Journal in the top 25%:** No  
**Position of publication:** 22 **No. of journals in the cat.:** 28



- 204** Casas, S; Sancho, S; Briz, M; Pinart, E; Bussalleu, E; Yeste, M; Bonet, S. Fertility after post-cervical artificial insemination with cryopreserved sperm from boar ejaculates of good and poor freezability. *Animal Reproduction Science*. 118 - 1, pp. 69 - 76. (Holland): Elsevier Masson, 2010. ISSN 0378-4320  
**DOI:** <https://doi.org/10.1016/j.anireprosci.2009.06.003>  
**Handle:** <http://hdl.handle.net/10256/12487>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0  
**Total no. authors:** 7  
**Impact source:** ISI **Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Impact index in year of publication:** 1.563 **Journal in the top 25%:** Yes  
**Position of publication:** 6 **No. of journals in the cat.:** 55  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 1.563 **Journal in the top 25%:** No  
**Position of publication:** 19 **No. of journals in the cat.:** 26
- 205** Casas, I.; Sancho, S.; Ballester, J.; Briz, M.; Pinart, E.; Bussalleu, E.; Yeste, M., Fàbrega, A.; Rodríguez-Gil, J.E.; Bonet, S. The HSP90AA1 sperm content and the prediction of the boar ejaculate freezability. *Theriogenology*. 74 - 6, pp. 940 - 950. (United States of America): Elsevier, 2010. Available on-line at: <<http://dx.doi.org/10.1016/j.theriogenology.2010.04.021>>. ISSN 0093-691X  
**DOI:** <https://doi.org/10.1016/j.theriogenology.2010.04.021>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0  
**Total no. authors:** 10  
**Impact source:** ISI **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Impact index in year of publication:** 2.045 **Journal in the top 25%:** Yes  
**Position of publication:** 15 **No. of journals in the cat.:** 145  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 2.045 **Journal in the top 25%:** No  
**Position of publication:** 17 **No. of journals in the cat.:** 26
- 206** Yeste, M; Briz, M; Pinart, E; Sancho, S; Bussalleu, E; Bonet, S. The osmotic tolerance of boar spermatozoa and its usefulness as sperm quality parameter. *Animal Reproduction Science*. 119 - 3-4, pp. 265 - 274. (Holland): Elsevier Masson, 2010. Available on-line at: <<http://dx.doi.org/doi:10.1016/j.anireprosci.2010.02.011>>. ISSN 0378-4320  
**DOI:** <https://doi.org/10.1016/j.anireprosci.2010.02.011>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1  
**Total no. authors:** 6 **Corresponding author:** Yes  
**Impact source:** ISI **Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Impact index in year of publication:** 1.721 **Journal in the top 25%:** Yes  
**Position of publication:** 6 **No. of journals in the cat.:** 55  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 1.721 **Journal in the top 25%:** No  
**Position of publication:** 19 **No. of journals in the cat.:** 26



- 207** Yeste, M.; Sancho, S.; Briz, M.; Pinart, E.; Bussalleu, E.; Bonet, S. A diet supplemented with L-carnitine improves the sperm quality of Piétrain but not of Duroc and Large White boars when photoperiod and temperature increase. *Theriogenology*. 73 - 5, pp. 577 - 586. (United States of America): Elsevier, 2010. Available on-line at: <<http://dx.doi.org/doi:10.1016/j.theriogenology.2009.10.013>>. ISSN 0093-691X  
**DOI:** <https://doi.org/10.1016/j.theriogenology.2009.10.013>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1  
**Total no. authors:** 6 **Corresponding author:** Yes  
**Impact source:** ISI **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Impact index in year of publication:** 2.045 **Journal in the top 25%:** Yes  
**Position of publication:** 15 **No. of journals in the cat.:** 145  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 2.045 **Journal in the top 25%:** No  
**Position of publication:** 17 **No. of journals in the cat.:** 26
- 208** Yeste, M.; Lloyd, R.E.; Badia, E.; Briz, M.; Bonet, S.; Holt, W.V. Direct contact between boar spermatozoa and porcine oviductal epithelial cell (OEC) cultures needed for optimal sperm survival in vitro. *Animal Reproduction Science*. 113 - 1-4, pp. 263 - 278. (Holland): Elsevier Masson, 2009. Available on-line at: <<http://dx.doi.org/10.1016/j.anireprosci.2008.08.018>>. ISSN 0378-4320  
**DOI:** <https://doi.org/10.1016/j.anireprosci.2008.08.018>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1 **Corresponding author:** Yes  
**Total no. authors:** 6 **Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Impact source:** ISI **Journal in the top 25%:** Yes  
**Impact index in year of publication:** 1.739 **No. of journals in the cat.:** 50  
**Position of publication:** 12 **Category:** REPRODUCTIVE BIOLOGY  
**Impact source:** ISI **Journal in the top 25%:** No  
**Impact index in year of publication:** 1.739 **No. of journals in the cat.:** 26  
**Position of publication:** 22
- 209** Bussalleu, E.; Pinart, E.; Rivera, M.M.; Briz, M.; Sancho, S.; Yeste, M.; Casas, I.; Fàbrega, A.; Rigau, T.; Rodríguez-Gil, J.E.; Bonet, S. Effects of matrix filtration of low-quality boar semen doses on sperm quality. *Reproduction in Domestic Animals*. 32 - 3, pp. 499 - 503. (Germany): Wiley, 2009. Available on-line at: <<http://dx.doi.org/10.1111/j.1439-0531.2008.01221.x>>. ISSN 0936-6768  
**DOI:** <https://doi.org/10.1111/j.1439-0531.2008.01221.x>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0 **Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Total no. authors:** 11 **Journal in the top 25%:** Yes  
**Impact source:** ISI **No. of journals in the cat.:** 50  
**Impact index in year of publication:** 1.526 **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Position of publication:** 11 **Journal in the top 25%:** Yes  
**Impact source:** ISI **No. of journals in the cat.:** 142  
**Impact index in year of publication:** 1.526  
**Position of publication:** 25

**Impact source:** ISI  
**Impact index in year of publication:** 1.526  
**Position of publication:** 19

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 26

- 210** Casas, I.; Sancho, S.; Briz, M.; Pinart, E.; Bussalleu, E.; Yeste, M.; Bonet, S. Freezability prediction of boar ejaculates assessed by functional sperm parameters and sperm proteins. *Theriogenology*. 72 - 7, pp. 930 - 948. (United States of America): Elsevier, 2009. ISSN 0093-691X  
**DOI:** <https://doi.org/10.1016/j.theriogenology.2009.07.001>  
**Handle:** <http://hdl.handle.net/10256/14168>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0  
**Total no. authors:** 7  
**Impact source:** ISI **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Impact index in year of publication:** 2.073 **Journal in the top 25%:** Yes  
**Position of publication:** 12 **No. of journals in the cat.:** 142  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 2.073 **Journal in the top 25%:** No  
**Position of publication:** 16 **No. of journals in the cat.:** 26

- 211** Bonet, S.; Briz, M.D.; Pinart, E.; Sancho, S.; Bussalleu, E.; Yeste, M.; Casas, I.; García, E.; Fàbregas, A.; Torner, E. *Biotecnología de la Reproducción Porcina: Estado actual y futuro de las técnicas de análisis seminal*. ANAPORC (Revista de la Asociación Nacional de Porcinocultura Científica). 63, pp. 18. (Spain): Asociación Nacional de Porcinocultura Científica, 2009.  
**Handle:** <http://hdl.handle.net/10256/10455>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0  
**Total no. authors:** 10

- 212** Bussalleu, E.; Pinart, E.; Rivera, M.M.; Arias, X.; Briz, M.; Sancho, S.; Garcia-Gil, L.J.; Bassols, J.; Pruneda, A.; Yeste, M.; Casas, I.; Rigau, T.; Rodríguez-Gil, J.E.; Bonet, S. Effects of filtration of semen doses from subfertile boars through neuter Sephadex columns. *Reproduction in Domestic Animals*. 43 - 1, pp. 48 - 52. (Germany): Wiley, 2008. Available on-line at: <http://www.blackwell-synergy.com/doi/full/10.1111/j.1439-0531.2007.00853.x>. ISSN 0936-6768  
**DOI:** <https://doi.org/10.1111/j.1439-0531.2007.00853.x>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0  
**Total no. authors:** 14  
**Impact source:** ISI **Category:** AGRICULTURE, MULTIDISCIPLINARY  
**Impact index in year of publication:** 1.526 **Journal in the top 25%:** Yes  
**Position of publication:** 20 **No. of journals in the cat.:** 89  
**Impact source:** ISI **Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Impact index in year of publication:** 1.526 **Journal in the top 25%:** No  
**Position of publication:** 16 **No. of journals in the cat.:** 54  
**Impact source:** ISI **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Impact index in year of publication:** 1.526 **Journal in the top 25%:** Yes  
**Position of publication:** 29 **No. of journals in the cat.:** 134

**Impact source:** ISI

**Impact index in year of publication:** 1.526

**Position of publication:** 16

**Impact source:** ISI

**Impact index in year of publication:** 1.526

**Position of publication:** 23

**Category:** AGRICULTURAL EXPERIMENT STATION REPORTS

**Journal in the top 25%:** No

**No. of journals in the cat.:** 54

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 25

- 213** Yeste, M.; Briz, M.; Pinart, E.; Sancho, S.; Garcia-Gil, N.; Badia, E.; Bassols, J.; Pruneda, A.; Bussalleu, E.; Casas, I.; Bonet, S. Boar spermatozoa and prostaglandin F2alpha. Quality of boar sperm after addition of prostaglandin F2alpha to the short term extender over cooling time. *Animal Reproduction Science*. 108 - 1-2, pp. 180 - 195. (Holland): Elsevier Masson, 2008. Available on-line at: <<http://dx.doi.org/10.1016/j.anireprosci.2007.08.008>>. ISSN 0378-4320

**DOI:** <https://doi.org/10.1016/j.anireprosci.2007.08.008>

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 11

**Impact source:** ISI

**Impact index in year of publication:** 1.890

**Position of publication:** 10

**Impact source:** ISI

**Impact index in year of publication:** 1.890

**Position of publication:** 8

**Impact source:** ISI

**Impact index in year of publication:** 1.890

**Position of publication:** 8

**Impact source:** ISI

**Impact index in year of publication:** 1.890

**Position of publication:** 19

**Format:** Journal

**Corresponding author:** Yes

**Category:** AGRICULTURE, MULTIDISCIPLINARY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 89

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 54

**Category:** AGRICULTURAL EXPERIMENT STATION REPORTS

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 54

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 25

- 214** Yeste, M.; Briz, M.; Pinart, E.; Sancho, S.; García-Gil, N.; Badia, E.; Bassols, J.; Pruneda, A.; Bussalleu, E.; Casas, I.; Bonet, S. Hyaluronic acid delays boar sperm capacitation after 3 days of storage at 15°C. *Animal Reproduction Science*. 109 - 1-4, pp. 236 - 250. (Holland): Elsevier Masson, 2008. Available on-line at: <<http://dx.doi.org/10.1016/j.anireprosci.2007.11.003>>. ISSN 0378-4320

**DOI:** <https://doi.org/10.1016/j.anireprosci.2007.11.003>

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 11

**Impact source:** ISI

**Impact index in year of publication:** 1.739

**Position of publication:** 10

**Impact source:** ISI

**Impact index in year of publication:** 1.739

**Position of publication:** 8

**Format:** Journal

**Corresponding author:** Yes

**Category:** AGRICULTURE, MULTIDISCIPLINARY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 89

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 54



**Impact source:** ISI

**Impact index in year of publication:** 1.739

**Position of publication:** 8

**Impact source:** ISI

**Impact index in year of publication:** 1.739

**Position of publication:** 19

**Category:** AGRICULTURAL EXPERIMENT STATION REPORTS

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 54

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 25

- 215** Bonet, S.; Briz, M.; Pinart, E.; Sancho, S.; Bussalleu, E.; Yeste, M.; Casas, I.; Fàbrega, A.; Puigmulé, M.; García, E.; Santos, M.; Torner, E.; Micaló, S. *Biotechnologia reproductiva en porcí: estat actual i reptes de futur*. Treballs de la Societat Catalana de Biologia. 59, pp. 141 - 150. (Spain): Institut d'Estadística de Catalunya. Societat Catalana de Biologia, 2008. Available on-line at: <[http://ccuc.cbuc.cat/record=b4224959~S23\\*cat](http://ccuc.cbuc.cat/record=b4224959~S23*cat)>. ISSN 0212-3037

**Handle:** <http://hdl.handle.net/10256/8302>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 0

**Total no. authors:** 13

- 216** Sancho, S.; Casas, I.; Ekwall, H.; Saravia, F.; Rodriguez-Martinez, H.; Rodríguez-Gil, J.E.; Flores, E.; Pinart, E.; Briz, M.; García-Gil, N.; Bassols, J.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Bonet, S. *Effects of cryopreservation on semen quality and the expression of sperm membrane hexose transporters in the spermatozoa of Iberian pigs*. *Reproduction*. 134 - 1, pp. 111 - 121. (United Kingdom): 2007. Available on-line at: <[http://udg.cbuc.cat/record=b1237747\\*cat](http://udg.cbuc.cat/record=b1237747*cat)>. ISSN 1470-1626

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 0

**Total no. authors:** 15

**Impact source:** ISI

**Category:** DEVELOPMENTAL BIOLOGY

**Impact index in year of publication:** 2.962

**Journal in the top 25%:** No

**Position of publication:** 15

**No. of journals in the cat.:** 37

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 2.962

**Journal in the top 25%:** No

**Position of publication:** 7

**No. of journals in the cat.:** 25

- 217** Badia, E.; Briz, M.; Pinart, E.; Sancho, S.; García-Gil, N.; Bassols, J.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Casas, I.; Bonet, S. *Structural and ultrastructural features of boar seminal vesicles*. *Tissue and Cell*. 38 - 2, pp. 79 - 91. (United Kingdom): Elsevier, 2006. Available on-line at: <<http://dx.doi.org/10.1016/j.tice.2005.12.001>>. ISSN 0040-8166

**DOI:** <https://doi.org/10.1016/j.tice.2005.12.001>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 0

**Total no. authors:** 11

**Impact source:** ISI

**Category:** ANATOMY & MORPHOLOGY

**Impact index in year of publication:** 1.094

**Journal in the top 25%:** No

**Position of publication:** 11

**No. of journals in the cat.:** 15

**Impact source:** ISI

**Category:** CELL BIOLOGY

**Impact index in year of publication:** 1.094

**Journal in the top 25%:** No

**Position of publication:** 135

**No. of journals in the cat.:** 156



- 218** Badia, E.; Briz, M.; Pinart, E.; Sancho, S.; García-Gil, N.; Bassols, J.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Casas, I.; Bonet, S. Structural and ultrastructural features of boar bulbourethral glands. *Tissue and Cell*. 38 - 1, pp. 7 - 18. (United Kingdom): Elsevier, 2006. Available on-line at: <<http://dx.doi.org/10.1016/j.tice.2005.09.004>>. ISSN 0040-8166  
**DOI:** <https://doi.org/10.1016/j.tice.2005.09.004>  
**Type of production:** Scientific paper  
**Position of signature:** 0  
**Total no. authors:** 11  
**Impact source:** ISI  
**Impact index in year of publication:** 1.094  
**Position of publication:** 11  
**Impact source:** ISI  
**Impact index in year of publication:** 1.094  
**Position of publication:** 135  
**Format:** Journal  
**Category:** ANATOMY & MORPHOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 15  
**Category:** CELL BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 156
- 219** Sancho, S.; Rodríguez-Gil, J.E.; Pinart, E.; Briz, M.; Garcia-Gil, N.; Badia, E.; Bassols, J.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Casas I.; Palomo, M.J.; Ramió, L.; Bonet, S. Effects of exposing boars to different artificial light regimes on semen plasma markers and 'in vivo' fertilizing capacity. *Theriogenology*. 65 - 2, pp. 317 - 331. (United States of America): Elsevier, 2006. Available on-line at: <<http://dx.doi.org/10.1016/j.theriogenology.2005.05.031>>. ISSN 0093-691X  
**DOI:** <https://doi.org/10.1016/j.theriogenology.2005.05.031>  
**Handle:** <http://hdl.handle.net/10256/12382>  
**Type of production:** Scientific paper  
**Position of signature:** 0  
**Total no. authors:** 14  
**Impact source:** ISI  
**Impact index in year of publication:** 1.898  
**Position of publication:** 11  
**Impact source:** ISI  
**Impact index in year of publication:** 1.898  
**Position of publication:** 15  
**Format:** Journal  
**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 129  
**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 24
- 220** Bassols, J.; Kádár, E.; Briz, M.; Pinart, E.; Sancho, S.; García-Gil, N.; Badia, E.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Casas, I.; Bonet, S. Effect of culture conditions on the obtention of boar epididymal epithelial cell monolayers. *Animal Reproduction Science*. 95 - 3-4, pp. 262 - 272. (Holland): Elsevier Masson, 2006. Available on-line at: <<http://dx.doi.org/10.1016/j.anireprosci.2005.10.005>>. ISSN 0378-4320  
**DOI:** <https://doi.org/10.1016/j.anireprosci.2005.10.005>  
**Type of production:** Scientific paper  
**Position of signature:** 0  
**Total no. authors:** 12  
**Impact source:** ISI  
**Impact index in year of publication:** 2.186  
**Position of publication:** 2  
**Impact source:** ISI  
**Impact index in year of publication:** 2.186  
**Position of publication:** 14  
**Format:** Journal  
**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 44  
**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 24

- 221** Badia, E.; Pinart, E.; Briz, M.; Pastor, L.M.; Sancho, S.; García-Gil, N.; Bassols, J.; Kádár, E.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Bonet, S. Lectin histochemistry of the boar bulbourethral glands. *European Journal of Histochemistry*. 49 - 2, pp. 25 - 32. (Italy): PAGEPress, 2005. Available on-line at: <<http://www.ejh.it/index.php/ejh/article/view/937>>. ISSN 1121-760X  
**Handle:** <http://hdl.handle.net/10256/8301>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0  
**Total no. authors:** 12  
**Impact source:** ISI **Category:** CELL BIOLOGY  
**Impact index in year of publication:** 2.513 **Journal in the top 25%:** No  
**Position of publication:** 131 **No. of journals in the cat.:** 153
- 222** Bassols, J.; Kádár, E.; Briz, M.; Pinart, E.; Sancho, S.; García-Gil, N.; Badia, E.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Casas, I.; Dacheux, J.L.; Bonet, S. Evaluation of boar sperm maturation after co-incubation with caput, corpus and cauda epididymal cultures. Evaluation of boar sperm maturation in vitro. *Theriogenology*. 64 - 9, pp. 1995 - 2009. (United States of America): Elsevier, 2005. Available on-line at: <<http://dx.doi.org/10.1016/j.theriogenology.2005.05.027>>. ISSN 0093-691X  
**DOI:** <https://doi.org/10.1016/j.theriogenology.2005.05.027>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0  
**Total no. authors:** 13  
**Impact source:** ISI **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Impact index in year of publication:** 2.161 **Journal in the top 25%:** Yes  
**Position of publication:** 4 **No. of journals in the cat.:** 129  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 2.161 **Journal in the top 25%:** No  
**Position of publication:** 10 **No. of journals in the cat.:** 24
- 223** Bussalleu, E.; Pinart, E.; Yeste, M.; Briz, M.; Sancho, S.; García-Gil, N.; Badia, E.; Bassols, J.; Pruneda, A.; Casas, I.; Bonet, S. Development of a protocol for multiple staining with fluorochromes to assess the functional status of boar spermatozoa. *Microscopy Research and Technique*. 68 - 5, pp. 277 - 283. (United States of America): Wiley, 2005. Available on-line at: <<http://dx.doi.org/10.1002/jemt.20246>>. ISSN 1059-910X  
**DOI:** <https://doi.org/10.1002/jemt.20246>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0  
**Total no. authors:** 11  
**Impact source:** ISI **Category:** ANATOMY & MORPHOLOGY  
**Impact index in year of publication:** 2.323 **Journal in the top 25%:** Yes  
**Position of publication:** 3 **No. of journals in the cat.:** 15  
**Impact source:** ISI **Category:** BIOLOGY  
**Impact index in year of publication:** 2.323 **Journal in the top 25%:** Yes  
**Position of publication:** 13 **No. of journals in the cat.:** 65  
**Impact source:** ISI **Category:** MICROSCOPY  
**Impact index in year of publication:** 2.323 **Journal in the top 25%:** Yes  
**Position of publication:** 2 **No. of journals in the cat.:** 9





- 224** Badia, E.; Pinart, E.; Briz, M.; Pastor, L.M.; Sancho, S.; García-Gil, N.; Bassols, J.; Kádár, E.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Bonet, S. Lectin histochemistry of the boar bulbourethral glands. *European Journal of Histochemistry*. 49 - 2, pp. 25 - 32. (Italy): PAGEPress, 2005. Available on-line at: <<http://www.ejh.it/index.php/ejh/article/view/937>>. ISSN 1121-760X  
**Handle:** <http://hdl.handle.net/10256/8301>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0  
**Total no. authors:** 12  
**Impact source:** ISI **Category:** CELL BIOLOGY  
**Impact index in year of publication:** 0.990 **Journal in the top 25%:** No  
**Position of publication:** 131 **No. of journals in the cat.:** 153
- 225** Pruneda, A.; Pinart, E.; Briz, M.; sancho, S.; García-Gil, N.; Badia, E.; Kádár, E.; Bassols, J.; Bussalleu, E.; Yeste, M.; Bonet, S. Effects of a high semen-collection frequency on the quality of sperm from ejaculates and from six epididymal regions in boars. *Theriogenology*. 63 - 8, pp. 2219 - 2232. (United States of America): Elsevier, 2005. Available on-line at: <<http://dx.doi.org/10.1016/j.theriogenology.2004.10.009>>. ISSN 0093-691X  
**DOI:** <https://doi.org/10.1016/j.theriogenology.2004.10.009>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0  
**Total no. authors:** 11  
**Impact source:** ISI **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Impact index in year of publication:** 2.161 **Journal in the top 25%:** Yes  
**Position of publication:** 4 **No. of journals in the cat.:** 129  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 2.161 **Journal in the top 25%:** No  
**Position of publication:** 10 **No. of journals in the cat.:** 24
- 226** Bassols, J.; Kádár, E.; Briz, M.; Pinart, E.; Sancho, S.; Garcia-Gil, N.; Badia, E.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Bonet, S. In vitro culture of epithelial cells from the caput, corpus and cauda epididymis of *Sus domesticus*. *Theriogenology*. 62 - 5, pp. 929 - 942. (United States of America): Elsevier, 2004. Available on-line at: <<http://dx.doi.org/10.1016/j.theriogenology.2003.12.015>>. ISSN 0093-691X  
**DOI:** <https://doi.org/10.1016/j.theriogenology.2003.12.015>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0  
**Total no. authors:** 11  
**Impact source:** ISI **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Impact index in year of publication:** 1.640 **Journal in the top 25%:** Yes  
**Position of publication:** 8 **No. of journals in the cat.:** 123  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 1.640 **Journal in the top 25%:** No  
**Position of publication:** 14 **No. of journals in the cat.:** 24
- 227** Sancho, S.; Pinart, E.; Briz, M.; Garcia-Gil, N.; Badia, E.; Bassols, J.; Kádár, E.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Coll, M.G.; Bonet, S. Semen quality of postpubertal boars during increasing and decreasing natural photoperiods. *Theriogenology*. 62 - 7, pp. 1271 - 1282. (United States of America): Elsevier, 2004. Available on-line at: <<http://dx.doi.org/10.1016/j.theriogenology.2004.01.003>>. ISSN 0093-691X  
**DOI:** <https://doi.org/10.1016/j.theriogenology.2004.01.003>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 0

**Total no. authors:** 12

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.640

**Journal in the top 25%:** Yes

**Position of publication:** 8

**No. of journals in the cat.:** 123

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.640

**Journal in the top 25%:** No

**Position of publication:** 14

**No. of journals in the cat.:** 24

**228** Yeste, M.; Jones, C.; Amdani, S.N.; Coward, K. Oocyte Activation Deficiency and Advances to Overcome. In Vitro Fertilization. A Textbook of Current and Emerging Methods and Devices. pp. 429 - 445. Basel(Switzerland): Springer International Publishing, 2019. ISBN 978-3-319-43010-2

**Type of production:** Book chapter

**Format:** Book

**Total no. authors:** 4

**229** Estrada, E.; Rodríguez-Gil, J.E.; Yeste, M. Modulación de la criotolerancia y su efecto en la fertilidad del semen porcino. Avances de la investigación sobre producción animal y seguridad alimentaria en México. pp. 61 - 86. Morelia(Mexico): Universidad Michoacana de San Nicolás de Hidalgo (UMSNH), 2018. ISBN 978-607-542-022-6

**Type of production:** Book chapter

**Format:** Book

**Total no. authors:** 3

**230** Yeste, M.; Jones, C.; Amdani, S.N.; Coward, K. Oocyte Activation and Fertilisation: Crucial Contributors from the Sperm and Oocyte. Signaling-Mediated Control of Cell Division. From Oogenesis to Oocyte-to-Embryo Development. 59, pp. 213 - 239. (United States of America): Springer-Verlag, 2017. ISBN 978-3-319-44819-0

**Type of production:** Book chapter

**Format:** Book

**Total no. authors:** 4

**231** Yeste, M. Boar Spermatozoa Within the Oviductal Environment (III): Fertilisation. Boar Reproduction. pp. 343 - 406. Berlin(Germany): Springer-Verlag Heidelberg, 2013. ISBN 978-3-642-35048-1

**Type of production:** Book chapter

**Format:** Book

**Total no. authors:** 1

**232** Yeste, M. Boar Spermatozoa Within the Oviductal Environment (II): Sperm Capacitation. Boar Reproduction. pp. 281 - 342. Berlin(Germany): Springer-Verlag Heidelberg, 2013. ISBN 978-3-642-35048-1

**Type of production:** Book chapter

**Format:** Book

**Total no. authors:** 1

**233** Yeste, M. Boar Spermatozoa Within the Oviductal Environment (I): Sperm Reservoir. Boar Reproduction. pp. 169 - 280. Berlin(Germany): Springer-Verlag Heidelberg, 2013. ISBN 978-3-642-35048-1

**Type of production:** Book chapter

**Format:** Book

**Total no. authors:** 1

**234** Yeste, M.; Castillo-Martín, M. Boar Spermatozoa Within the Uterine Environment. Boar Reproduction. pp. 205 - 255. Berlin(Germany): Springer-Verlag Heidelberg, 2013. ISBN 978-3-642-35048-1

**Type of production:** Book chapter

**Format:** Book

**Total no. authors:** 2



- 235** Bonet, S.; Briz, M. D.; Pinart, E.; Sancho, S.; Bussalleu, E.; Yeste, M.; Casas, I.; Fábregas, A.; Puigmulé, M.; García, E.; Santos, M.; Torner, E.; Micaló, S. Biotecnología reproductiva en porcín: estat actual i reptes de futur. Treballs de la Societat Catalana de Biologia. 59, pp. 141 - 150. Barcelona (Spain): Institut d'Estudis Catalans. Societat Catalana de Biologia, 2008. Available on-line at: <<http://www.raco.cat/index.php/TreballsSCBiologia/issue/view/18654/showToc>>.  
**Legal deposit:** B.12164-1963  
**Type of production:** Book chapter **Format:** Book  
**Total no. authors:** 13
- 236** Bonet, S.; Briz, M. D.; Pinart, E.; Sancho, S.; García-Gil, N.; Badia, E.; Bassols, J.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Casas, I.; Carreras, A. Análisis de la morfología espermática al microscopio electrónico de barrido y al microscopio electrónico de transmisión. Manual de técnicas de reproducción asistida en porcino. pp. 39 - 50. (Spain): Serv. Publics. UdG - Red Temática Nac. Reprod. Porcina, 2006. Available on-line at: <[http://udg.cbuc.cat/record=b1222891\\*cat](http://udg.cbuc.cat/record=b1222891*cat)>. ISBN 84-8458-241-8  
**Legal deposit:** B-440-2006  
**Type of production:** Book chapter **Format:** Book  
**Total no. authors:** 12
- 237** Bassols, J.; Pruneda, A.; Briz, M.; Pinart, E.; Sancho, S.; García-Gil, N.; Bussalleu, E.; Yeste, M.; Casas, I.; Bonet, S. Cultivo primario de células epiteliales epididimarias. Manual de técnicas de reproducción asistida en porcino: biotecnología de la reproducción porcina / Sergi Bonet ... [et al.]. pp. 293 - 302. (Spain): Universitat de Girona. Servei de Publicacions, 2006. Available on-line at: <[http://cataleg.udg.edu/record=b1222891~S10\\*cat](http://cataleg.udg.edu/record=b1222891~S10*cat)>. ISBN 8484582418  
**Legal deposit:** B-440-2006  
**Type of production:** Book chapter **Format:** Book  
**Total no. authors:** 10
- 238** Bussalleu, E.; Pinart, E.; Briz, M.; Sancho, S.; García-Gil, N.; Bassols, J.; Pruneda, A.; Yeste, M.; Casas, I.; Bonet, S. Filtración de dosis seminales en distintas matrices. Manual de técnicas de reproducción asistida en porcino. pp. 201 - 214. (Spain): Universitat de Girona. Servei de Publicacions, 2006. Available on-line at: <[http://cataleg.udg.edu/record=b1222891~S10\\*cat](http://cataleg.udg.edu/record=b1222891~S10*cat)>. ISBN 8484582418  
**Legal deposit:** B-440-2006  
**Type of production:** Book chapter **Format:** Book  
**Total no. authors:** 10
- 239** Pinart, E.; Bussalleu, E.; Yeste, M.; Briz, M.; Sancho, S.; García-Gil, N.; Bassols, J.; Pruneda, A.; Casas, I.; Bonet, S. Protocolo de triple marcaje con fluorocromos para el análisis funcional de los espermatozoides de porcino. Manual de técnicas de reproducción asistida en porcino: biotecnología de la reproducción porcina / Sergi Bonet ... [et al.]. pp. 81 - 92. (Spain): Universitat de Girona. Servei de Publicacions, 2006. Available on-line at: <[http://cataleg.udg.edu/record=b1222891~S10\\*cat](http://cataleg.udg.edu/record=b1222891~S10*cat)>. ISBN 8484582418  
**Legal deposit:** B-440-2006  
**Type of production:** Book chapter **Format:** Book  
**Total no. authors:** 10
- 240** Bonet, S.; Briz, M. D.; Pinart, E.; Sancho, S.; García-Gil, N.; Badia, E.; Bassols, J.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Casas, I.; Carreras, A. Análisis de la morfología espermática al microscopio electrónico de barrido y al microscopio electrónico de transmisión. Manual de técnicas de reproducción asistida en porcino. pp. 39 - 50. (Spain): Serv. Publics. UdG - Red Temática Nac. Reprod. Porcina, 2006. Available on-line at: <[http://udg.cbuc.cat/record=b1222891\\*cat](http://udg.cbuc.cat/record=b1222891*cat)>. ISBN 84-8458-241-8  
**Legal deposit:** B-440-2006  
**Type of production:** Book chapter **Format:** Book  
**Total no. authors:** 12

- 241** Bonet, S.; Casas, I.; Holt, W.V.; Yeste, M. Boar Reproduction. Fundamentals and new biotechnological trends. pp. 1 - 632. Heidelberg(Germany): Springer-Verlag Heidelberg, 2013. ISBN 978-3-642-35048-1  
**Type of production:** Scientific book or monograph  
**Total no. authors:** 4
- 242** Llavanera, M.; Delgado-Bermúdez, A.; Ribas-Maynou, J.; Salas-Huetos, A.; Yeste, M.Reply of the Authors. Fertility and Sterility. (United States of America): Elsevier, 2022. ISSN 0015-0282  
**DOI:** <https://doi.org/10.1016/j.fertnstert.2022.10.030>  
**Type of production:** Review **Format:** Journal  
**Position of signature:** 5  
**Total no. authors:** 5 **Corresponding author:** Yes
- 243** Yeste, M.Introduction to the special issue on swine reproduction. Theriogenology. 85 - 1, pp. 2 - 3. (United States of America): Elsevier, 2016. ISSN 0093-691X  
**DOI:** <https://doi.org/10.1016/j.theriogenology.2015.10.024>  
**Type of production:** Review **Format:** Journal  
**Position of signature:** 1  
**Total no. authors:** 1  
**Impact source:** ISI **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Impact index in year of publication:** 1.986 **Journal in the top 25%:** Yes  
**Position of publication:** 15 **No. of journals in the cat.:** 136  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 1.986 **Journal in the top 25%:** No  
**Position of publication:** 20 **No. of journals in the cat.:** 29
- 244** Balasch, S.; Lleonart-Sitjar, M.; Font-Santafè, V.; Codony, F.; Yeste, M.; Bonet, S.; Estrada, E.; Peña, A.; Rodríguez-Gil, J.E.An innovative new tool to boost semen fertility and reduce costs. International Pig Topics. 31 - 6, pp. 13 - 15. Positive Action Publications, 2016. ISSN 0963-5866  
**Type of production:** Popular science journals **Format:** Journal  
**Position of signature:** 5  
**Total no. authors:** 9
- 245** Estrada, E.; Rodríguez-Gil, J.E.; Balasch, S.; Juvanteny, A.; Bonet, S.; Yeste, M.Reduced glutathione and field fertility with frozen-thawed boar semen. International Pig Topics. 29 - 1, pp. 11 - 11. Positive Action Publications, 2014. ISSN 0963-5866  
**Type of production:** Popular science journals **Format:** Journal  
**Position of signature:** 6  
**Total no. authors:** 6
- 246** Bonet, S.; Briz, M.D.; Fàbrega, A.; Puigmulé, M.; Rodríguez, R.A.; Yeste, M.La aptitud fecundante del semen en porcino. ALBÉITAR. 161, pp. 10 - 11. Grupo Asís Biomedica, S.L., 2012. ISSN 1699-7883  
**Type of production:** Popular science journals **Format:** Journal  
**Position of signature:** 0
- 247** Llavanera, M.; Ribas-Maynou, J.; Delgado-Bermúdez, A.; Recuero, S.; Salas-Huetos, A.; Benet, J.; Yeste, M.Sperm GSTM3: a potential molecular biomarker for sperm quality and male (in)fertility. Human Reproduction. 37 Suppl. 1, pp. 57 - 57. (United Kingdom): Oxford University Press (OUP), 2022. ISSN 0268-1161  
**DOI:** <https://doi.org/10.1093/humrep/deac104.111>  
**Type of production:** Abstract **Format:** Journal  
**Position of signature:** 7

**Total no. authors:** 7

**Corresponding author:** Yes

- 248** Ribas-Maynou, J.; Novo, S.; Salas-Huetos, A.; Mateo-Otero, Y.; Rovira, S.; Antich, M.; Yeste, M. Sperm chromatin structure resilience is related to fertilization and blastocyst rates in ICSI cycles involving both oocyte and sperm donors. *Human Reproduction*. 37 Suppl. 1, pp. 209 - 209. (United Kingdom): Oxford University Press (OUP), 2022. ISSN 0268-1161

**DOI:** <https://doi.org/10.1093/humrep/deac107.042>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 7

**Total no. authors:** 7

**Corresponding author:** Yes

- 249** Yeste, M.; Mateo-Otero, Y.; Delgado-Bermúdez, A.; Llavanera, M.; Recuero, S.; Salas-Huetos, A.; Ribas-Maynou, J. Implication of sperm chromatin integrity for embryogenesis in livestock. *Reproduction in Domestic Animals*. 57 - Suppl. 4, pp. 40 - 40. (Germany): Wiley, 2022. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.14245>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 7

**Total no. authors:** 1

**Corresponding author:** Yes

- 250** Yáñez-Ortiz, I.; Catalán, J.; Tvarijonaviciute, A.; Rubio, C.; Yeste, M.; Barranco, I.; Miró, J. Oxidants present in seminal plasma do not influence donkey sperm cryotolerance. *Reproduction in Domestic Animals*. 57 - Suppl. 4, pp. 96 - 96. (Germany): Wiley, 2022. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.14244>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 5

**Total no. authors:** 7

- 251** Catalán, J.; Martínez-Rodero, I.; Yáñez-Ortiz, I.; Mateo-Otero, Y.; Sanmartí, J.; Flores-Bragulat, A.; Dordas-Perpinyà, M.; Nolis, P.; Yeste, M.; Miró, J. Metabolic profiling of preovulatory follicular fluid in jennies. *Reproduction in Domestic Animals*. 57 - Suppl. 4, pp. 105 - 105. (Germany): Wiley, 2022. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.14244>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 9

**Total no. authors:** 10

- 252** Yeste, M.; Recuero, S.; Maside, C.; Bonet, S.; Pinart, E. Role of Na<sup>+</sup>/H<sup>+</sup> exchangers (NHE) during in vitro capacitation of sperm cells from *Sus domesticus*. *Reproduction in Domestic Animals*. 57 - Suppl. 5, pp. 115 - 115. (Germany): Wiley, 2022. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.14227>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 5

**Corresponding author:** Yes

- 253** Salas-Huetos, A.; Llavanera, M.; Mateo-Otero, Y.; Pinart, E.; Bonet, S.; Yeste, M. Early activation of TRPC6 channels reduces motility during pig sperm capacitation. *Reproduction in Domestic Animals*. 57 - Suppl. 5, pp. 130 - 130. (Germany): Wiley, 2022. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.14227>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 6

**Total no. authors:** 6



- 254** Llavanera, M.; Salas-Huetos, A.; Bonet, S.; Ribas-Maynou, J.; Yeste, M. Mitochondrial DNA transcription regulates boar sperm physiology and metabolism. *Reproduction in Domestic Animals*. 57 - Suppl. 5, pp. 121 - 121. (Germany): Wiley, 2022. ISSN 0936-6768  
**DOI:** <https://doi.org/10.1111/rda.14227>  
**Type of production:** Abstract **Format:** Journal  
**Position of signature:** 5  
**Total no. authors:** 5 **Corresponding author:** Yes
- 255** Recuero, S.; Maside, C.; Padilla, L.; Garriga, F.; Sunneman, T.; Yeste, M.; Rodríguez-Gil, J.E. Inhibition of HSP70 increases progressive motility of pig sperm. *Reproduction in Domestic Animals*. 57 - Suppl. 5, pp. 121 - 121. (Germany): Wiley, 2022. ISSN 0936-6768  
**DOI:** <https://doi.org/10.1111/rda.14227>  
**Type of production:** Abstract **Format:** Journal  
**Position of signature:** 6  
**Total no. authors:** 7
- 256** Delgado-Bermúdez, A.; Yeste, M.; Recuero, S.; Bonet, S.; Ribas-Maynou, J. Capacitation may induce mild deprotonation of pig sperm genome. *Reproduction in Domestic Animals*. 57 - Suppl. 5, pp. 127 - 127. (Germany): Wiley, 2022. ISSN 0936-6768  
**DOI:** <https://doi.org/10.1111/rda.14227>  
**Type of production:** Abstract **Format:** Journal  
**Position of signature:** 2  
**Total no. authors:** 5
- 257** Yáñez-Ortiz, I.; Catalán, J.; Gutiérrez-Reinoso, M.; Dordas-Perpinyà, M.; Tvarijonaviciute, A.; Barranco, I.; Yeste, M.; Miró, J. The presence of paraoxonase type 1 in seminal plasma is related to the cryotolerance of horse sperm. *Reproduction in Domestic Animals*. 57 - Suppl. 5, pp. 128 - 128. (Germany): Wiley, 2022. ISSN 0936-6768  
**DOI:** <https://doi.org/10.1111/rda.14227>  
**Type of production:** Abstract **Format:** Journal  
**Position of signature:** 7  
**Total no. authors:** 8
- 258** Padilla, L.; Recuero, S.; Garriga, F.; Sunneman, T.; Rodríguez-Gil, J.E.; Yeste, M.; Maside, C. Inhibition of HSP70 during storage at 4°C modifies motility parameters in pig sperm. *Reproduction in Domestic Animals*. 57 - Suppl. 5, pp. 129 - 129. (Germany): Wiley, 2022. ISSN 0936-6768  
**DOI:** <https://doi.org/10.1111/rda.14227>  
**Type of production:** Abstract **Format:** Journal  
**Position of signature:** 6  
**Total no. authors:** 7
- 259** Gutiérrez-Reinoso, M.; Yáñez-Ortiz, I.; Catalán, J.; Dordas-Perpinyà, M.; Tvarijonaviciute, A.; Barranco, I.; Yeste, M.; Miró, J. Impact of Trolox equivalent antioxidant capacity (TEAC) in horse seminal plasma on sperm freezability. *Reproduction in Domestic Animals*. 57 - Suppl. 5, pp. 130 - 130. (Germany): Wiley, 2022. ISSN 0936-6768  
**DOI:** <https://doi.org/10.1111/rda.14227>  
**Type of production:** Abstract **Format:** Journal  
**Position of signature:** 7  
**Total no. authors:** 8
- 260** Viñolas-Vergés, E.; Mateo-Otero, Y.; Llavanera, M.; Delgado-Bermúdez, A.; Yeste, M.; Ribas-Maynou, J. In vitro effect of manganese and magnesium ions on pig sperm DNA integrity evidence a detrimental impact on sperm function. *Reproduction in Domestic Animals*. 57 - Suppl. 5, pp. 131 - 131. (Germany): Wiley, 2022. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.14227>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 5

**Total no. authors:** 6

- 261** Ribas-Maynou, J.; Maside, C.; Boixadé-Rifà, M.; Hidalgo, C.O.; Miró, J.; Yeste, M. Determination of absolute telomere length in horse, donkey and cattle sperm through qFISH. *Reproduction in Domestic Animals*. 57 - Suppl. 5, pp. 133 - 133. (Germany): Wiley, 2022. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.14227>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 6

**Total no. authors:** 6

- 262** Catalán, J.; Yáñez-Ortiz, I.; Dordas-Perpinyà, M.; Gutiérrez-Reinoso, M.; Tvarijonaviciute, A.; Barranco, I.; Yeste, M.; Miró, J. Relevance of the oxidative stress index (OSI) in seminal plasma for the cryotolerance of horse sperm. *Reproduction in Domestic Animals*. 57 - Suppl. 5, pp. 134 - 134. (Germany): Wiley, 2022. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.14227>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 7

**Total no. authors:** 8

- 263** Maside, C.; Recuero, S.; Padilla, L.; Garriga, F.; Sünnemann, T.; Rodríguez-Gil, J.E.; Yeste, M.; Bonet, S. Inhibition of cytochrome C release from mitochondria alters sperm motility and function in the pig. *Reproduction in Domestic Animals*. 57 - Suppl. 5, pp. 139 - 139. (Germany): Wiley, 2022. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.14227>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 7

**Total no. authors:** 8

- 264** Mateo-Otero, Y.; Barranco, I.; Llavanera, M.; Bucci, D.; Yeste, M.; Roca, J.; Galeati, G.; Spinaci, M. Seminal small extracellular vesicles modulate the expression of steroidogenesis-associated genes in pig cumulus cells. *Reproduction in Domestic Animals*. 57 - Suppl. 5, pp. 144 - 144. (Germany): Wiley, 2022. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.14227>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 5

**Total no. authors:** 8

- 265** Maside, C.; Recuero, S.; Salas-Huetos, A.; Bonet, S.; Rodríguez-Gil, J.E.; Yeste, M. Inhibition of HSP70 during prolonged liquid storage at 17 °C increases mitochondrial membrane potential and calcium levels. *Animal Reproduction Science*. 247 - 107102, pp. 6 - 7. (Holland): Elsevier Masson, 2022. ISSN 0378-4320

**DOI:** <https://doi.org/10.1016/j.anireprosci.2022.107114>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 6

**Total no. authors:** 6

**Corresponding author:** Yes

- 266** Mateo-Otero, Y.; Ribas-Maynou, J.; Viñolas-Vergés, E.; Tamargo, C.; Delgado-Bermúdez, A.; Llavanera, M.; Recuero, S.; Barranco, I.; Yeste, M. Sperm Aldose Reductase B1 is not a predictor of bull in vivo fertility outcomes. *Animal Reproduction Science*. 247 - 107102, pp. 16 - 16. (Holland): Elsevier Masson, 2022. ISSN 0378-4320

**DOI:** <https://doi.org/10.1016/j.anireprosci.2022.107134>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 9

**Total no. authors:** 9

**Corresponding author:** Yes

- 267** Ribas-Maynou, J.; Garcia-Bonavila, E.; Llavanera, M.; Miró, J.; Bonet, S.; Yeste, M. Differential resilience of sperm from different mammals to DNA decondensation. *Human Reproduction*. 36 - Suppl 1, pp. 160 - 161. (United Kingdom): Oxford University Press (OUP), 2021. ISSN 0268-1161
- Type of production:** Abstract **Format:** Journal  
**Position of signature:** 6  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** OBSTETRICS & GYNECOLOGY  
**Impact index in year of publication:** 6.353 **Journal in the top 25%:** Yes  
**Position of publication:** 9 **No. of journals in the cat.:** 85
- Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 6.353 **Journal in the top 25%:** Yes  
**Position of publication:** 4 **No. of journals in the cat.:** 31
- 268** Delgado-Bermúdez, A.; Mateo-Otero, Y.; Llavanera, M.; Bonet, S.; Yeste, M.; Pinart, E. Elucidating the physiological role of SLO1 and HVCN1 channels in mammalian sperm cryopreservation. *Cryobiology*. 103, pp. 181 - 182. (United States of America): Elsevier, 2021. ISSN 0011-2240
- DOI:** <https://doi.org/10.1016/j.cryobiol.2021.11.086>
- Type of production:** Abstract **Format:** Journal  
**Position of signature:** 5  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** BIOLOGY  
**Impact index in year of publication:** 2.728 **Journal in the top 25%:** No  
**Position of publication:** 50 **No. of journals in the cat.:** 94
- Impact source:** ISI **Category:** PHYSIOLOGY  
**Impact index in year of publication:** 2.728 **Journal in the top 25%:** No  
**Position of publication:** 47 **No. of journals in the cat.:** 81
- 269** Ribas-Maynou, J.; Llavanera, M.; Mateo-Otero, Y.; Garcia-Bonavila, E.; Delgado-Bermúdez, A.; Yeste, M. Direct (alkaline and neutral comet and TUNEL) but not indirect methods (SCD and SCSA) relate the percentages of sperm with fragmented DNA to chromatin damage in cryopreserved boar sperm. *Cryobiology*. 103, pp. 194 - 195. (United States of America): Elsevier, 2021. ISSN 0011-2240
- DOI:** <https://doi.org/10.1016/j.cryobiol.2021.11.126>
- Type of production:** Abstract **Format:** Journal  
**Position of signature:** 6  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** BIOLOGY  
**Impact index in year of publication:** 2.728 **Journal in the top 25%:** No  
**Position of publication:** 50 **No. of journals in the cat.:** 94
- Impact source:** ISI **Category:** PHYSIOLOGY  
**Impact index in year of publication:** 2.728 **Journal in the top 25%:** No  
**Position of publication:** 47 **No. of journals in the cat.:** 81
- 270** Delgado-Bermúdez, A.; Llavanera, M.; Mateo-Otero, Y.; Recuero, S.; Ribas-Maynou, J.; Yeste, M. Increase of DNA fragmentation evaluated through the alkaline Comet is concomitant with a decrease in the quality of frozen-thawed bovine sperm. *Cryobiology*. 103, pp. 207 - 208. (United States of America): Elsevier, 2021. ISSN 0011-2240
- DOI:** <https://doi.org/10.1016/j.cryobiol.2021.11.168>
- Type of production:** Abstract **Format:** Journal



**Position of signature:** 6

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 2.728

**Position of publication:** 50

**Impact source:** ISI

**Impact index in year of publication:** 2.728

**Position of publication:** 47

**Corresponding author:** Yes

**Category:** BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 94

**Category:** PHYSIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 81

- 271** Mateo-Otero, Y.; Viñolas-Vergés, E.; Llavanera, M.; Ribas-Maynou, J.; Miró, J.; Roca, J.; Yeste, M.; Barranco, I. Relationship between the Aldose Reductase B1 present in pig seminal plasma and sperm physiology. *Reproduction in Domestic Animals*. 57 (Suppl. 1), pp. 4 - 4. (Germany): Wiley, 2021. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.14056>

**Type of production:** Abstract

**Position of signature:** 7

**Total no. authors:** 8

**Impact source:** ISI

**Impact index in year of publication:** 1.858

**Position of publication:** 33

**Impact source:** ISI

**Impact index in year of publication:** 1.858

**Position of publication:** 55

**Impact source:** ISI

**Impact index in year of publication:** 1.858

**Position of publication:** 29

**Format:** Journal

**Corresponding author:** Yes

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 62

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 145

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 31

- 272** Llavanera, M.; Delgado-Bermúdez, A.; Mateo-Otero, Y.; Recuero, S.; Miró, J.; Hidalgo, C.O.; Bonet, S.; Yeste, M.; Ribas-Maynou, J. Sperm chromatin condensation assessed by flow cytometry is a biomarker of male in vivo fertility in bulls. *Reproduction in Domestic Animals*. 57 (Suppl. 1), pp. 4 - 4. (Germany): Wiley, 2021. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.14056>

**Type of production:** Abstract

**Position of signature:** 8

**Total no. authors:** 9

**Impact source:** ISI

**Impact index in year of publication:** 1.858

**Position of publication:** 33

**Impact source:** ISI

**Impact index in year of publication:** 1.858

**Position of publication:** 55

**Impact source:** ISI

**Impact index in year of publication:** 1.858

**Position of publication:** 29

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 62

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 145

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 31

**273** Yeste, M.; García-Bonavila, E.; Rodríguez-Gil, J.E.; Rigau, T.; Rivera del Alamo, M.M. IL-3, a possible serum biomarker of malignancy in canine mammary tumours. *Reproduction in Domestic Animals*. 57 (Suppl. 1), pp. 23 - 23. (Germany): Wiley, 2021. ISSN 0936-6768

DOI: <https://doi.org/10.1111/rda.14052>

**Type of production:** Abstract

**Position of signature:** 1

**Total no. authors:** 5

**Impact source:** ISI

**Impact index in year of publication:** 1.858

**Position of publication:** 33

**Impact source:** ISI

**Impact index in year of publication:** 1.858

**Position of publication:** 55

**Impact source:** ISI

**Impact index in year of publication:** 1.858

**Position of publication:** 29

**Format:** Journal

**Corresponding author:** Yes

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 62

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 145

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 31

**274** Blanco-Prieto, B.; Trujillo-Rojas, L.; Fernández-Novell, J.M.; Rigau, T.; Yeste, M.; Rivera del Álamo, M.M.; Rodríguez-Gil, J.E. Protein kinase C-modulated pathways are one of the mechanisms involved in red LED light effects on motility and O<sub>2</sub> consumption rate in boar sperm. *Reproduction in Domestic Animals*. 57 (Suppl. 1), pp. 19 - 19. (Germany): Wiley, 2021. ISSN 0936-6768

DOI: <https://doi.org/10.1111/rda.14052>

**Type of production:** Abstract

**Position of signature:** 5

**Total no. authors:** 7

**Impact source:** ISI

**Impact index in year of publication:** 1.858

**Position of publication:** 33

**Impact source:** ISI

**Impact index in year of publication:** 1.858

**Position of publication:** 55

**Impact source:** ISI

**Impact index in year of publication:** 1.858

**Position of publication:** 29

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 62

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 145

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 31

**275** Ribas- Maynou, J.; Mateo-Otero, Y.; Delgado-Bermúdez, A.; Recuero, S.; Llavanera, M.; Miró, J.; Yeste, M. Sperm DNA damage in pigs is correlated to in vitro embryo development: Preliminary evidence. *Reproduction in Domestic Animals*. 57 (Suppl. 1), pp. 63 - 63. (Germany): Wiley, 2021. ISSN 0936-6768

DOI: <https://doi.org/10.1111/rda.14052>

**Type of production:** Abstract

**Position of signature:** 7

**Total no. authors:** 7

**Impact source:** ISI

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.858  
**Position of publication:** 33

**Impact source:** ISI

**Impact index in year of publication:** 1.858  
**Position of publication:** 55

**Impact source:** ISI

**Impact index in year of publication:** 1.858  
**Position of publication:** 29

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 62

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 145

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 31

**276** Catalán, J.; Gacem, S.; Papas, M.; Rodríguez-Gil, J.E.; Miró, J.; Yeste, M. Red-light irradiation modifies the kinetic parameters of stallion fresh semen. *Reproduction in Domestic Animals*. 57 (Suppl. 1), pp. 63 - 63. (Germany): Wiley, 2021. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.14052>

**Type of production:** Abstract

**Position of signature:** 6

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 1.858  
**Position of publication:** 33

**Impact source:** ISI

**Impact index in year of publication:** 1.858  
**Position of publication:** 55

**Impact source:** ISI

**Impact index in year of publication:** 1.858  
**Position of publication:** 29

**Format:** Journal

**Corresponding author:** Yes

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 62

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 145

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 31

**277** Yáñez-Ortiz, I.; Catalán, J.; Mateo-Otero, Y.; Dordas- Perpinyà, M.; Yeste, M.; Miró, J. Effects of adding cryopreservation medium with reduced glutathione (GSH) on donkey sperm motility. *Reproduction in Domestic Animals*. 57 (Suppl. 1), pp. 77 - 77. (Germany): Wiley, 2021. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.14052>

**Type of production:** Abstract

**Position of signature:** 5

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 1.858  
**Position of publication:** 33

**Impact source:** ISI

**Impact index in year of publication:** 1.858  
**Position of publication:** 55

**Impact source:** ISI

**Impact index in year of publication:** 1.858  
**Position of publication:** 29

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 62

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 145

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 31

- 278** Garcia-Bonavila, E.; Barranco, I.; Delgado-Bermúdez, A.; Mateo-Otero, Y.; Recuero, S.; Lllavanera, M.; Ribas-Maynou, J.; Yeste, M. Potential of protein deglycase (DJ-1) as a sperm cryotolerance biomarker in pigs. *Reproduction in Domestic Animals*. 57 (Suppl. 1), pp. 84 - 84. (Germany): Wiley, 2021. ISSN 0936-6768  
**DOI:** <https://doi.org/10.1111/rda.14052>  
**Type of production:** Abstract **Format:** Journal  
**Position of signature:** 8  
**Total no. authors:** 8 **Corresponding author:** Yes  
**Impact source:** ISI **Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Impact index in year of publication:** 1.858 **Journal in the top 25%:** No  
**Position of publication:** 33 **No. of journals in the cat.:** 62  
**Impact source:** ISI **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Impact index in year of publication:** 1.858 **Journal in the top 25%:** No  
**Position of publication:** 55 **No. of journals in the cat.:** 145  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 1.858 **Journal in the top 25%:** No  
**Position of publication:** 29 **No. of journals in the cat.:** 31
- 279** Mateo-Otero, Y.; Zambrano, F.; Gacem, S.; Yeste, M.; Miro, J.; Fernandez-Fuertes, B. Sperm induce NETosis in jenny polymorphonuclear cells in a concentration and time dependent manner. *Journal of Equine Veterinary Science*. 89, pp. 103037. (United States of America): 2020. ISSN 0737-0806  
**DOI:** <https://doi.org/10.1016/j.jevs.2020.103037>  
**Type of production:** Abstract **Format:** Journal  
**Position of signature:** 4  
**Total no. authors:** 6 **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Impact source:** ISI **Journal in the top 25%:** No  
**Impact index in year of publication:** 1.583 **No. of journals in the cat.:** 146  
**Position of publication:** 67
- 280** García-Martínez, T.; Vendrell-Flotats, M.; Martínez-Rodero, I.; Ordóñez-León, E.A.; Álvarez-Rodríguez, M.; Yeste, M.; López-Béjar, M.; Mogas, T. In vitro maturation with glutathione ethyl ester improves embryo development potential of vitrified bovine oocytes. *Animal Reproduction*. 17 - 3, pp. 5 - 5. (Brazil): 2020. ISSN 1806-9614  
**Type of production:** Abstract **Format:** Journal  
**Position of signature:** 6  
**Total no. authors:** 8 **Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Impact source:** ISI **Journal in the top 25%:** No  
**Impact index in year of publication:** 1.807 **No. of journals in the cat.:** 63  
**Position of publication:** 30
- 281** Martínez-Rodero, I.; Ordóñez-León, E.A.; García-Martínez, T.; Yeste, M.; Azcarate, S.; Mendibil, X.; Esmoris, J.I.; López-Béjar, M.; Mogas, T. Effect of equilibration time on gene expression of vitrified/warmed in vitro produced bovine embryos using the VitTrans device. *Animal Reproduction*. 17 - 3, pp. 6 - 6. (Brazil): 2020. ISSN 1806-9614  
**Type of production:** Abstract **Format:** Journal  
**Position of signature:** 4  
**Total no. authors:** 9

**Impact source:** ISI

**Impact index in year of publication:** 1.807

**Position of publication:** 30

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 63

- 282** Delgado-Bermúdez, A.; Sandu, A.; Recuero, S.; Llavanera, M.; Mateo-Otero, Y.; Bonet, S.; Fernandez-Fuertes, B.; Barranco, I.; Yeste, M. AQP3 has a key role during in vitro capacitation of boar spermatozoa. *Animal Reproduction Science*. 220, pp. 106364 - 106364. (Holland): Elsevier Masson, 2020. ISSN 0378-4320

**DOI:** <https://doi.org/10.1016/j.anireprosci.2020.106364>

**Type of production:** Abstract

**Position of signature:** 9

**Total no. authors:** 9

**Impact source:** ISI

**Impact index in year of publication:** 2.145

**Position of publication:** 23

**Impact source:** ISI

**Impact index in year of publication:** 2.145

**Position of publication:** 43

**Impact source:** ISI

**Impact index in year of publication:** 2.145

**Position of publication:** 26

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 63

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 146

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 30

- 283** Valencia, J.; Noto, F.; Mateo-Otero, Y.; Bonilla-Correal, S.; Correa, A.; Yeste, M. Changes in cell volume and side scatter following exposure to hypotonic conditions are related to sperm cryotolerance in pigs. *Animal Reproduction Science*. 220, pp. 106443 - 106443. (Holland): Elsevier Masson, 2020. ISSN 0378-4320

**DOI:** <https://doi.org/10.1016/j.anireprosci.2020.106443>

**Type of production:** Abstract

**Position of signature:** 6

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 2.145

**Position of publication:** 23

**Impact source:** ISI

**Impact index in year of publication:** 2.145

**Position of publication:** 43

**Impact source:** ISI

**Impact index in year of publication:** 2.145

**Position of publication:** 26

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 63

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 146

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 30

- 284** Gimeno-Martos, S.; Yeste, M.; Cebrián-Pérez, J.A.; Muiño-Blanco, T.; Pérez-Pe, R.; Casado, A. Combined effect of progesterone and estradiol on ram sperm capacitation. *Animal Reproduction Science*. 220, pp. 106394 - 106394. (Holland): Elsevier Masson, 2020. ISSN 0378-4320

**DOI:** <https://doi.org/10.1016/j.anireprosci.2020.106394>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 2

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 2.145

**Position of publication:** 23

**Impact source:** ISI

**Impact index in year of publication:** 2.145

**Position of publication:** 43

**Impact source:** ISI

**Impact index in year of publication:** 2.145

**Position of publication:** 26

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 63

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 146

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 30

**285** Delgado-Bermúdez, A.; Llavanera, M.; Batlle, J.; Bonet, S.; Yeste, M.; Pinart, E. Cationic channels have a key role in mammalian sperm cryotolerance. *Cryobiology*. 97, pp. 290 - 290. (United States of America): Elsevier, 2020. ISSN 0011-2240

**DOI:** <https://doi.org/10.1016/j.cryobiol.2020.10.158>

**Type of production:** Abstract

**Position of signature:** 5

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 2.487

**Position of publication:** 44

**Impact source:** ISI

**Impact index in year of publication:** 2.487

**Position of publication:** 50

**Format:** Journal

**Category:** BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 93

**Category:** PHYSIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 81

**286** Llavanera, M.; Delgado-Bermúdez, A.; Bonet, S.; Mateo, Y.; Fernandez-Fuertes, B.; Recuero, S.; Barranco, I.; Yeste, M. Relative GSTM3-abundance in fresh boar sperm is related to their cryotolerance. *Theriogenology*. 137, pp. 127 - 127. (United States of America): Elsevier, 2019. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2019.05.050>

**Type of production:** Abstract

**Position of signature:** 8

**Total no. authors:** 8

**Impact source:** ISI

**Impact index in year of publication:** 2.094

**Position of publication:** 26

**Impact source:** ISI

**Impact index in year of publication:** 2.094

**Position of publication:** 20

**Format:** Journal

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 142

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

**287** Barranco, I.; Padilla, L.; Tvarijonaviciute, A.; Parrilla, I.; Martinez, E.A.; Yeste, M.; Roca, J. Seminal plasma superoxide dismutase is related with quality and sperm functionality of liquid stored pig semen doses. *Theriogenology*. 137, pp. 131 - 131. (United States of America): Elsevier, 2019. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2019.05.060>

**Type of production:** Abstract  
**Position of signature:** 6  
**Total no. authors:** 7  
**Impact source:** ISI

**Format:** Journal

**Impact index in year of publication:** 2.094  
**Position of publication:** 26

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 142

**Impact source:** ISI  
**Impact index in year of publication:** 2.094  
**Position of publication:** 20

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 29

- 288** Vendrell-Flotats, M.; Stalker, L.; Lopez-Bejar, M.; Yeste, M.; Mogas, T.; LaMarre, J. Effect of LIF, IL-6 and IL-11 on microRNA expression of bovine cumulus cells and oocytes matured in vitro. *Animal Reproduction*. 16 - 3, pp. 704 - 704. (Brazil): 2019. ISSN 1806-9614

**Type of production:** Abstract  
**Position of signature:** 4  
**Total no. authors:** 6  
**Impact source:** ISI

**Format:** Journal

**Impact index in year of publication:** 0.916  
**Position of publication:** 41

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 63

- 289** Mateo, Y.; Delgado-Bermúdez, A.; Recuero, S.; Llavanera, M.; Fernandez-Fuertes, B.; Barranco, I.; Bonet, S.; Yeste, M.; Pinart, E. SLO1 channels are essential for acrosome reaction during in vitro capacitation of boar spermatozoa. *Animal Reproduction*. 16 - 3, pp. 717 - 717. (Brazil): 2019. ISSN 1806-9614

**Type of production:** Abstract  
**Position of signature:** 8  
**Total no. authors:** 9  
**Impact source:** ISI

**Format:** Journal

**Impact index in year of publication:** 0.916  
**Position of publication:** 41

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 63

- 290** Recuero, S.; Sánchez, J.M.; Mateo, Y.; Bagés-Arnal, S.; McDonald, M.; Delgado-Bermúdez, A.; Llavanera, M.; Barranco, I.; Behura, S.K.; Spencer, T.M.; Yeste, M.; Lonergan, P.; Fernandez-Fuertes, B. Comparing the ability of epididymal or ejaculated sperm to elicit endometrial transcriptomic changes in cattle. *Animal Reproduction*. 16 - 3, pp. 751 - 751. (Brazil): 2019. ISSN 1806-9614

**Type of production:** Abstract  
**Position of signature:** 11  
**Total no. authors:** 13  
**Impact source:** ISI

**Format:** Journal

**Impact index in year of publication:** 0.916  
**Position of publication:** 41

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 63

- 291** Delgado-Bermúdez, A.; Rivera del Álamo, M.M.; Llavanera, M.; Catalán, J.; Recuero, S.; Mateo, Y.; Barranco, I.; Fernandez-Fuertes, B.; Rodríguez-Gil, J.E.; Bonet, S.; Miró, J.; Yeste, M. Presence, function and relevance of aquaporins in the reproductive tract, gametes and embryos. *Histology and Histopathology*. 34 - Suppl. 1, (Spain): 2019. ISSN 0213-3911

DOI: <https://doi.org/10.14670/HH-sehit19>

**Type of production:** Abstract

**Position of signature:** 12

**Total no. authors:** 12

**Impact source:** ISI

**Impact index in year of publication:** 2.021

**Position of publication:** 44

**Impact source:** ISI

**Impact index in year of publication:** 2.021

**Position of publication:** 156

**Format:** Journal

**Category:** PATHOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 78

**Category:** CELL BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 195

- 292** Rodríguez-Gil, J.; Blanco Prieto, O.; Catalán, J.; Yeste, M.; Rivera del Álamo, M. Red-light photostimulation increases the rhythm of O<sub>2</sub> consumption in refrigerated boar sperm. *Reproduction in Domestic Animals*. 54 - Suppl. 3, pp. 75 - 75. (Germany): Wiley, 2019. ISSN 0936-6768

DOI: <https://doi.org/10.1111/rda.13526>

**Type of production:** Abstract

**Position of signature:** 4

**Total no. authors:** 5

**Impact source:** ISI

**Impact index in year of publication:** 1.641

**Position of publication:** 23

**Impact source:** ISI

**Impact index in year of publication:** 1.641

**Position of publication:** 40

**Impact source:** ISI

**Impact index in year of publication:** 1.641

**Position of publication:** 27

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 63

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 142

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

- 293** Santiago, C.; Yeste, M.; Rigau, T.; Rodríguez-Gil, J.; Rivera del Álamo, M. Canine sperm cells express aquaporin-8, but not aquaporin-2. *Reproduction in Domestic Animals*. 54 - Suppl. 3, pp. 63 - 63. (Germany): Wiley, 2019. ISSN 0936-6768

DOI: <https://doi.org/10.1111/rda.13527>

**Type of production:** Abstract

**Position of signature:** 2

**Total no. authors:** 5

**Impact source:** ISI

**Impact index in year of publication:** 1.641

**Position of publication:** 23

**Impact source:** ISI

**Impact index in year of publication:** 1.641

**Position of publication:** 40

**Impact source:** ISI

**Impact index in year of publication:** 1.641

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 63

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 142

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No



**Position of publication:** 27

**No. of journals in the cat.:** 29

**294** Delgado-Bermúdez, A.; Llavenera, M.; Barranco, I.; Fernández-Bastit, L.; Recuero, S.; Mateo, Y.; Rivera Del Álamo, M.; Bonet, S.; Fernández-Fuertes, B.; Yeste, M. Aquaglyceroporins rather than orthodox aquaporins are involved in boar sperm cryotolerance. *Reproduction in Domestic Animals*. 54 - Suppl. 3, pp. 79 - 79. (Germany): Wiley, 2019. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.13527>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 10

**Total no. authors:** 10

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.641

**Journal in the top 25%:** No

**Position of publication:** 23

**No. of journals in the cat.:** 63

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.641

**Journal in the top 25%:** No

**Position of publication:** 40

**No. of journals in the cat.:** 142

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.641

**Journal in the top 25%:** No

**Position of publication:** 27

**No. of journals in the cat.:** 29

**295** Papas, M.; Catalan, J.; Bonilla, S.; Gacem, S.; Morell, J.; Yeste, M.; Miró, J. Effects of single layer centrifugation through Equicoll(TM) on motile sperm subpopulations of donkey fresh semen. *Reproduction in Domestic Animals*. 54 - Suppl. 3, pp. 110 - 110. (Germany): Wiley, 2019. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.13527>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 6

**Total no. authors:** 7

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.641

**Journal in the top 25%:** No

**Position of publication:** 23

**No. of journals in the cat.:** 63

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.641

**Journal in the top 25%:** No

**Position of publication:** 40

**No. of journals in the cat.:** 142

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.641

**Journal in the top 25%:** No

**Position of publication:** 27

**No. of journals in the cat.:** 29

**296** Catalán, J.; Bonilla-Correal, S.; Papas, M.; Gacem, S.; Rodríguez-Gil, J.; Miró, J.; Yeste, M. Effects of stimulation with red-light upon motility parameters of liquid-stored donkey spermatozoa. *Reproduction in Domestic Animals*. 54 - Suppl. 3, pp. 124 - 124. (Germany): Wiley, 2019. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.13527>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 7

**Total no. authors:** 7

**Impact source:** ISI

**Impact index in year of publication:** 1.641

**Position of publication:** 23

**Impact source:** ISI

**Impact index in year of publication:** 1.641

**Position of publication:** 40

**Impact source:** ISI

**Impact index in year of publication:** 1.641

**Position of publication:** 27

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 63

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 142

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

**297** Mateo, Y.; Fernandez-Fuertes, B.; Recuero, S.; Delgado-Bermúdez, A.; Llavanera, M.; Rodríguez-Gil, J.E.; Sandu, A.; Bonet, S.; Barranco, I.; Yeste, M. Effects of red light-stimulation on the cryotolerance of frozen-thawed boar spermatozoa. *Reproduction in Domestic Animals*. 54 (Suppl. 4), pp. 109 - 110. (Germany): Wiley, 2019. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.13549>

**Type of production:** Abstract

**Position of signature:** 10

**Total no. authors:** 10

**Impact source:** ISI

**Impact index in year of publication:** 1.641

**Position of publication:** 23

**Impact source:** ISI

**Impact index in year of publication:** 1.641

**Position of publication:** 40

**Impact source:** ISI

**Impact index in year of publication:** 1.641

**Position of publication:** 27

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 63

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 142

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

**298** Llavanera, M.; Puig-Parri, J.; Bonet, S.; Yeste, M.; Pinart, E. Effects of blocking K<sup>+</sup> channels on Ca<sup>2+</sup> conductance during in vitro capacitation of *Sus domesticus* spermatozoa. *Reproduction in Domestic Animals*. 54 (Suppl. 4), pp. 111 - 111. (Germany): Wiley, 2019. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.13549>

**Type of production:** Abstract

**Position of signature:** 4

**Total no. authors:** 5

**Impact source:** ISI

**Impact index in year of publication:** 1.641

**Position of publication:** 23

**Impact source:** ISI

**Impact index in year of publication:** 1.641

**Position of publication:** 40

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 63

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 142

**Impact source:** ISI  
**Impact index in year of publication:** 1.641  
**Position of publication:** 27

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 29

**299** Papas, M.; Puigdollers, N.; Catalan, J.; Bonilla, S.; Gacem, S.; Miró, J.; Yeste, M. Effect of seminal plasma on kinetic parameters of donkey spermatozoa incubated with exogenous hydrogen peroxide. *Reproduction in Domestic Animals*. 54 (Suppl. 4), pp. 113 - 114. (Germany): Wiley, 2019. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.13549>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 7

**Total no. authors:** 7

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.641

**Journal in the top 25%:** No

**Position of publication:** 23

**No. of journals in the cat.:** 63

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.641

**Journal in the top 25%:** No

**Position of publication:** 40

**No. of journals in the cat.:** 142

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.641

**Journal in the top 25%:** No

**Position of publication:** 27

**No. of journals in the cat.:** 29

**300** Catalán, J.; Papas, M.; Bonilla-Correal, S.; Gacem, S.; Delgado-Bermúdez, A.; Rodríguez-Gil, J.E.; Miró, J.; Yeste, M. Effects of stimulation with red-light upon motility parameters of donkey spermatozoa in fresh semen. *Reproduction in Domestic Animals*. 54 (Suppl. 4), pp. 115 - 115. (Germany): Wiley, 2019. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.13549>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 8

**Total no. authors:** 8

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.641

**Journal in the top 25%:** No

**Position of publication:** 23

**No. of journals in the cat.:** 63

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.641

**Journal in the top 25%:** No

**Position of publication:** 40

**No. of journals in the cat.:** 142

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.641

**Journal in the top 25%:** No

**Position of publication:** 27

**No. of journals in the cat.:** 29

**301** Recuero, S.; Barranco, I.; Mateo, Y.; Delgado-Bermúdez, A.; Lllanera, M.; Rodríguez-Gil, J.E.; Bonet, S.; Fernandez-Fuertes, B.; Yeste, M. Effect of red light-stimulation on the quality of frozen-thawed bull sperm. *Reproduction in Domestic Animals*. 54 (Suppl. 4), pp. 118 - 118. (Germany): Wiley, 2019. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.13549>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 9

**Total no. authors:** 9

**Impact source:** ISI

**Impact index in year of publication:** 1.641

**Position of publication:** 23

**Impact source:** ISI

**Impact index in year of publication:** 1.641

**Position of publication:** 40

**Impact source:** ISI

**Impact index in year of publication:** 1.641

**Position of publication:** 27

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 63

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 142

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

- 302** Delgado-Bermúdez, A.; Llavenera, M.; Padilla, L.; Recuero, S.; Tvarijonaviciute, A.; Mateo, Y.; Bonet, S.; Fernández-Fuertes, B.; Yeste, M.; Barranco, I. Concentration of Anti-Müllerian Hormone in seminal plasma differs between boar ejaculate portions: a preliminary study. *Reproduction in Domestic Animals*. 54 (Suppl. 4), pp. 119 - 119. (Germany): Wiley, 2019. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.13549>

**Type of production:** Abstract

**Position of signature:** 10

**Total no. authors:** 10

**Impact source:** ISI

**Impact index in year of publication:** 1.641

**Position of publication:** 23

**Impact source:** ISI

**Impact index in year of publication:** 1.641

**Position of publication:** 40

**Impact source:** ISI

**Impact index in year of publication:** 1.641

**Position of publication:** 27

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 63

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 142

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

- 303** Vendrell-Flotats, M.; García-Martínez, T.; López-Béjar, M.; LaMarre, J.; Yeste, M.; Mogas, T. Effect of Leukemia Inhibitory Factor on gene expression profiling of IVP bovine blastocysts derived from in vitro matured vitrified/warmed oocytes. *Reproduction in Domestic Animals*. 54 (Suppl. 4), pp. 126 - 126. (Germany): Wiley, 2019. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.13549>

**Type of production:** Abstract

**Position of signature:** 6

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 1.641

**Position of publication:** 23

**Impact source:** ISI

**Impact index in year of publication:** 1.641

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 63

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**Position of publication:** 40

**Impact source:** ISI

**Impact index in year of publication:** 1.641

**Position of publication:** 27

**No. of journals in the cat.:** 142

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

**304** Recuero, S.; Sánchez, J.M.; Mateo-Otero, Y.; Bagés-Arnal, S.; McDonald, M.; Behura, S.K.; Spencer, T.M.; Yeste, M.; Lonergan, P.; Fernandez-Fuertes, B. Sperm, but not seminal plasma, elicit changes in the bovine endometrial transcriptome after natural mating. *Reproduction, Fertility and Development*. 32 - 2, pp. 126 - 126. (Australia): CSIRO Publishing, 2019. ISSN 1031-3613

**DOI:** <https://doi.org/10.1071/RDv32n2Ab4>

**Type of production:** Abstract

**Position of signature:** 8

**Total no. authors:** 10

**Impact source:** ISI

**Impact index in year of publication:** 1.718

**Position of publication:** 33

**Format:** Journal

**Category:** DEVELOPMENTAL BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 41

**Impact source:** ISI

**Impact index in year of publication:** 1.718

**Position of publication:** 47

**Category:** ZOOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 168

**Impact source:** ISI

**Impact index in year of publication:** 1.718

**Position of publication:** 25

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

**305** Yeste, M.; Morató, R.; Rodríguez-Gil, J.E.; Bonet, S.; Prieto-Martínez, N. Involvement of Aquaporins in mammalian sperm cryopreservation. *Cryobiology*. 85, pp. 126 - 126. (United States of America): Elsevier, 2018. ISSN 0011-2240

**DOI:** <https://doi.org/10.1016/j.cryobiol.2018.10.036>

**Type of production:** Abstract

**Position of signature:** 1

**Total no. authors:** 5

**Impact source:** ISI

**Impact index in year of publication:** 2.141

**Position of publication:** 29

**Format:** Journal

**Category:** BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 87

**Impact source:** ISI

**Impact index in year of publication:** 2.141

**Position of publication:** 51

**Category:** PHYSIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 81

**306** Castillo-Martín, M.; Torrente-Guijarro, M.; Bonet, S.; Yeste, M. Evaluation of sperm fertilising ability of porcine spermatozoa after voltage-dependent anion channel 2 (VDAC2)-blocking. *Reproduction in Domestic Animals*. 53 - Suppl. 3, pp. 119 - 119. (Germany): Wiley, 2018. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/rda.13272>

**Type of production:** Abstract

**Position of signature:** 4

**Total no. authors:** 4

**Impact source:** ISI

**Impact index in year of publication:** 1.638

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**Position of publication:** 17

**Impact source:** ISI

**Impact index in year of publication:** 1.638

**Position of publication:** 36

**Impact source:** ISI

**Impact index in year of publication:** 1.638

**Position of publication:** 26

**No. of journals in the cat.:** 61

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 141

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

**307** Bucci, D.; Prieto-Martínez, N.; Mislei, B.; Gadani, B.; Spinaci, M.; Tamanini, C.; Love, C.C.; Mari, G.; Yeste, M.; Galeati, G. Two natural antioxidants and boar frozen semen: surprising effects. *Reproduction in Domestic Animals*. 52 - Suppl 3, pp. 74 - 75. (Germany): Wiley, 2017. ISSN 0936-6768

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 9

**Total no. authors:** 10

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.422

**Journal in the top 25%:** No

**Position of publication:** 19

**No. of journals in the cat.:** 60

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.422

**Journal in the top 25%:** No

**Position of publication:** 45

**No. of journals in the cat.:** 140

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.422

**Journal in the top 25%:** No

**Position of publication:** 27

**No. of journals in the cat.:** 29

**308** Arcarons, N.; Vendrell, M.; Yeste, M.; López-Béjar, M.; Mercade, E.; Mogas, T. Developmental competence of in vitro matured bovine oocytes vitrified and warmed in media supplemented with a biopolymer produced by an Antarctic bacterium. *Reproduction in Domestic Animals*. 52 - Suppl 4, pp. 92 - 92. (Germany): Wiley, 2017. ISSN 0936-6768

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 3

**Total no. authors:** 6

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.422

**Journal in the top 25%:** No

**Position of publication:** 19

**No. of journals in the cat.:** 60

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.422

**Journal in the top 25%:** No

**Position of publication:** 45

**No. of journals in the cat.:** 140

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.422

**Journal in the top 25%:** No

**Position of publication:** 27

**No. of journals in the cat.:** 29

- 309** Arcarons, N.; Vendrell, M.; Yeste, M.; Mercadé, M.E.; López-Béjar, M.; Mogas, T. Gene Expression Profiling of In Vitro-Produced Blastocysts Derived from In Vitro-Matured Bovine Oocytes Vitrified/Warmed in Media Supplemented with a Biopolymer Produced by an Antarctic Bacterium. *Reproduction, Fertility and Development*. 30 - 1, pp. 159 - 159. (Australia): CSIRO Publishing, 2017. ISSN 1031-3613  
**DOI:** <https://doi.org/10.1071/RDv30n1Ab40>  
**Type of production:** Abstract **Format:** Journal  
**Position of signature:** 3  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** DEVELOPMENTAL BIOLOGY  
**Impact index in year of publication:** 2.105 **Journal in the top 25%:** No  
**Position of publication:** 27 **No. of journals in the cat.:** 42  
**Impact source:** ISI **Category:** ZOOLOGY  
**Impact index in year of publication:** 2.105 **Journal in the top 25%:** Yes  
**Position of publication:** 29 **No. of journals in the cat.:** 167  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 2.105 **Journal in the top 25%:** No  
**Position of publication:** 20 **No. of journals in the cat.:** 29
- 310** Sancho, S.; Briz, M.D.; Bussalleu, E.; Yeste, M.; Bonet, S. Effects of the antimicrobial peptide PMAP-37 on boar sperm quality and its effectiveness against bacterial load. *Reproduction in Domestic Animals*. 51 - Suppl 2, pp. 137 - 137. (Germany): Wiley, 2016. ISSN 0936-6768  
**DOI:** <https://doi.org/10.1111/rda.12801>  
**Type of production:** Abstract **Format:** Journal  
**Position of signature:** 0  
**Impact source:** ISI **Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Impact index in year of publication:** 1.400 **Journal in the top 25%:** No  
**Position of publication:** 16 **No. of journals in the cat.:** 58  
**Impact source:** ISI **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Impact index in year of publication:** 1.400 **Journal in the top 25%:** No  
**Position of publication:** 39 **No. of journals in the cat.:** 136  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 1.400 **Journal in the top 25%:** No  
**Position of publication:** 25 **No. of journals in the cat.:** 29
- 311** Prieto-Martínez, N.; Mateo, E.; Puig-Timonet, A.; Rodríguez-Gil, J.E.; Bonet, S.; Morató, R.; Yeste, M. Aquaporins 3 and 7 as cryotolerance markers in boar semen. *Reproduction in Domestic Animals*. 51 - Suppl 2, pp. 132 - 132. (Germany): Wiley, 2016. ISSN 0936-6768  
**Type of production:** Abstract **Format:** Journal  
**Position of signature:** 7  
**Total no. authors:** 7  
**Impact source:** ISI **Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Impact index in year of publication:** 1.400 **Journal in the top 25%:** No  
**Position of publication:** 16 **No. of journals in the cat.:** 58  
**Impact source:** ISI **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.400  
**Position of publication:** 39

**Impact source:** ISI  
**Impact index in year of publication:** 1.400  
**Position of publication:** 25

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 136

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 29

**312** Sepúlveda, L.; Bussalleu, E.; Yeste, M.; Bonet, S. Effect of different concentrations of *Pseudomonas aeruginosa* on membrane lipid disorder of boar sperm. *Reproduction in Domestic Animals*. 50 - 2, pp. 123. (Germany): Wiley, 2015. ISSN 0936-6768

**Type of production:** Abstract  
**Position of signature:** 0

**Impact source:** ISI

**Impact index in year of publication:** 1.21  
**Position of publication:** 19

**Impact source:** ISI

**Impact index in year of publication:** 1.21  
**Position of publication:** 44

**Impact source:** ISI  
**Impact index in year of publication:** 1.21  
**Position of publication:** 26

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 58

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 138

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 29

**313** Sepúlveda, L.; Bussalleu, E.; Rivera del Álamo, M.M.; Yeste, M.; Bonet, S. Impact of different concentrations of *Pseudomonas aeruginosa* on tyrosine phosphorylation patterns of boar sperm after in vitro capacitation. *Reproduction in Domestic Animals*. 50 - 3, pp. 76. (Germany): Wiley, 2015. ISSN 0936-6768

**Type of production:** Abstract  
**Position of signature:** 0

**Impact source:** ISI

**Impact index in year of publication:** 1.21  
**Position of publication:** 19

**Impact source:** ISI

**Impact index in year of publication:** 1.21  
**Position of publication:** 44

**Impact source:** ISI  
**Impact index in year of publication:** 1.21  
**Position of publication:** 26

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 58

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 138

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 29

**314** Betarelli, R.; Estrada, E.; Yeste, M.; Sepúlveda, L.; Rigau, T.; Zangerónimo, M.G.; Rodríguez-Gil, J.E. In vitro capacitation of boar sperm is concomitant with an increase in the disruption of disulfide bonds in the nuclear structure of the head. *Reproduction in Domestic Animals*. 50 - Suppl 2, pp. 119 - 119. (Germany): Wiley, 2015. ISSN 0936-6768

**Type of production:** Abstract  
**Position of signature:** 3  
**Total no. authors:** 7

**Format:** Journal



**Impact source:** ISI

**Impact index in year of publication:** 1.210

**Position of publication:** 19

**Impact source:** ISI

**Impact index in year of publication:** 1.210

**Position of publication:** 44

**Impact source:** ISI

**Impact index in year of publication:** 1.210

**Position of publication:** 26

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 58

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 138

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

- 315** Martins da Silva, S.J.; Williams, H.L.; Brown, S.; Whalley, K.; Milne, P.; Yelumalai, S.; Amdani, S.N.; Yeste, M.; Jones, C.; Mounce, G.; McVeigh, E.; Child, T.; Coward, K.; Barratt, C.L.R. Mission impossible? Improving ART outcome following unexplained total failed fertilisation. *Fertility and Sterility*. 104 - i3, Suppl, pp. 301 - 302. (United States of America): Elsevier, 2015. ISSN 0015-0282

**DOI:** <https://doi.org/10.1016/j.fertnstert.2015.07.944>

**Type of production:** Abstract

**Position of signature:** 8

**Total no. authors:** 14

**Impact source:** ISI

**Impact index in year of publication:** 4.426

**Position of publication:** 5

**Impact source:** ISI

**Impact index in year of publication:** 4.426

**Position of publication:** 3

**Format:** Journal

**Category:** OBSTETRICS & GYNECOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 80

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 29

- 316** Prieto-Martínez, N.; Morató, R.; Sepúlveda, L.; Rodríguez-Gil, J.E.; Yeste, M.; Bonet, S. Immunolocalization of aquaglyceroprotein 3 in boar spermatozoa. *Reproduction in Domestic Animals*. 50 - Suppl 2, pp. 126 - 127. (Germany): Wiley, 2015. ISSN 0936-6768

**Type of production:** Abstract

**Position of signature:** 5

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 1.210

**Position of publication:** 19

**Impact source:** ISI

**Impact index in year of publication:** 1.210

**Position of publication:** 44

**Impact source:** ISI

**Impact index in year of publication:** 1.210

**Position of publication:** 26

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 58

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 138

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 29

- 317** Prieto-Martínez, N.; Bussalleu, E.; García-Bonavila, E.; Rivera del Álamo, M.M.; Bonet, S.; Yeste, M. Does the presence of *Enterobacter cloacae* in boar semen negatively affect sperm preservation at 15-17°C?. *Reproduction in Domestic Animals*. 49 - 3, pp. 88. (Germany): Wiley, 2014. ISSN 0936-6768  
**Type of production:** Abstract **Format:** Journal  
**Position of signature:** 0  
**Impact source:** ISI **Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Impact index in year of publication:** 1.515 **Journal in the top 25%:** Yes  
**Position of publication:** 13 **No. of journals in the cat.:** 57  
**Impact source:** ISI **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Impact index in year of publication:** 1.515 **Journal in the top 25%:** Yes  
**Position of publication:** 30 **No. of journals in the cat.:** 133  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 1.515 **Journal in the top 25%:** No  
**Position of publication:** 24 **No. of journals in the cat.:** 30
- 318** Sepúlveda, L.; Bussalleu, E.; Yeste, M.; Rivera del Álamo, M.M.; Bonet, S. Effect of *Pseudomonas aeruginosa* on boar sperm motility. *Reproduction in Domestic Animals*. 49 - Suppl 3, pp. 94 - 95. (Germany): Wiley, 2014. ISSN 0936-6768  
**Type of production:** Abstract **Format:** Journal  
**Position of signature:** 0  
**Impact source:** ISI **Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Impact index in year of publication:** 1.515 **Journal in the top 25%:** Yes  
**Position of publication:** 13 **No. of journals in the cat.:** 57  
**Impact source:** ISI **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Impact index in year of publication:** 1.515 **Journal in the top 25%:** Yes  
**Position of publication:** 30 **No. of journals in the cat.:** 133  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 1.515 **Journal in the top 25%:** No  
**Position of publication:** 24 **No. of journals in the cat.:** 30
- 319** Castillo-Martín, M.; Yeste, M.; Morató, R.; Miró, J.; Bonet, S. Expression of GPX1 gene in IVP porcine blastocysts before and after vitrification and warming. *Reproduction in Domestic Animals*. 49 - Suppl 3, pp. 60 - 60. (Germany): Wiley, 2014. ISSN 0936-6768  
**Type of production:** Abstract **Format:** Journal  
**Position of signature:** 2  
**Total no. authors:** 5  
**Impact source:** ISI **Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Impact index in year of publication:** 1.515 **Journal in the top 25%:** Yes  
**Position of publication:** 13 **No. of journals in the cat.:** 57  
**Impact source:** ISI **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Impact index in year of publication:** 1.515 **Journal in the top 25%:** Yes  
**Position of publication:** 30 **No. of journals in the cat.:** 133

**Impact source:** ISI  
**Impact index in year of publication:** 1.515  
**Position of publication:** 24

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 30

**320** Rodríguez-Gil, J.E.; Fernández-Novell, J.M.; Estrada, E.; Giaretta, E.; Rigau, T.; Yeste, M. Dynamics of separate calcium deposits during boar sperm 'in vitro' capacitation and acrosome exocytosis. *Reproduction in Domestic Animals*. 49 - Suppl 3, pp. 90 - 91. (Germany): Wiley, 2014. ISSN 0936-6768

**Type of production:** Abstract  
**Position of signature:** 6  
**Total no. authors:** 6

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 1.515  
**Position of publication:** 13

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 57

**Impact source:** ISI  
**Impact index in year of publication:** 1.515  
**Position of publication:** 30

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 133

**Impact source:** ISI  
**Impact index in year of publication:** 1.515  
**Position of publication:** 24

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 30

**321** Vilagran, I.; Yeste, M.; Sancho, S.; Rigau, T.; Rivera del Álamo, M.M.; Bonet, S. Is Voltage-Dependent Anion Channel 2 (VDAC2) a good marker to predict boar sperm freezability?. *Reproduction in Domestic Animals*. 49 - Suppl 3, pp. 100 - 100. (Germany): Wiley, 2014. ISSN 0936-6768

**Type of production:** Abstract  
**Position of signature:** 2  
**Total no. authors:** 6

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 1.515  
**Position of publication:** 13

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 57

**Impact source:** ISI  
**Impact index in year of publication:** 1.515  
**Position of publication:** 30

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 133

**Impact source:** ISI  
**Impact index in year of publication:** 1.515  
**Position of publication:** 24

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 30

**322** Yeste, M.; Estrada, E.; Rodríguez-Gil, J.E.; Miró, J. Differences in ROS levels between good and poor freezability stallion ejaculates. *Reproduction in Domestic Animals*. 49 - Suppl 3, pp. 101 - 101. (Germany): Wiley, 2014. ISSN 0936-6768

**Type of production:** Abstract  
**Position of signature:** 1  
**Total no. authors:** 4

**Format:** Journal

**Impact source:** ISI

**Impact index in year of publication:** 1.515  
**Position of publication:** 13

**Impact source:** ISI

**Impact index in year of publication:** 1.515  
**Position of publication:** 30

**Impact source:** ISI

**Impact index in year of publication:** 1.515  
**Position of publication:** 24

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 57

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 133

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 30

- 323** Yeste, M.; Ramió-Lluch, M.; Fernández-Novell, J.M.; Estrada, E.; Cebrián-Pérez, J.A.; Muiño-Blanco, T.; Concha, I.I.; Ramírez, A.; Rodríguez-Gil, J.E. The absence of extracellular calcium stimulates sperm motility and inhibits both 'in vitro' capacitation and progesterone-induced acrosome exocytosis without affecting the overall energy management function in boar spermatozoa. *Reproduction in Domestic Animals*. 48 - Suppl 1, pp. 90 - 90. (Germany): Wiley, 2013. ISSN 0936-6768

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 9

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.177

**Journal in the top 25%:** No

**Position of publication:** 15

**No. of journals in the cat.:** 51

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.177

**Journal in the top 25%:** No

**Position of publication:** 47

**No. of journals in the cat.:** 129

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.177

**Journal in the top 25%:** No

**Position of publication:** 26

**No. of journals in the cat.:** 30

- 324** Castillo-Martín, M.; Bonet, S.; Morató, R.; Rodríguez-Gil, J.E.; Yeste, M. The effects of supplementing vitrification/warming solutions with antioxidants on in vitro produced porcine blastocysts. *Reproduction in Domestic Animals*. 48 - Suppl 1, pp. 101 - 101. (Germany): Wiley, 2013. ISSN 0936-6768

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 5

**Total no. authors:** 5

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.177

**Journal in the top 25%:** No

**Position of publication:** 15

**No. of journals in the cat.:** 51

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.177

**Journal in the top 25%:** No

**Position of publication:** 47

**No. of journals in the cat.:** 129

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.177  
**Position of publication:** 26

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 30

- 325** Yeste, M.; Ramió-Lluch, M.; Fernández-Novell, J.M.; Estrada, E.; Cebrián-Pérez, J.A.; Muiño-Blanco, T.; Concha, I.I.; Ramírez, A.; Rodríguez-Gil, J.E. Inhibiting the activity of mitochondrial ATP synthase with Oligomycin-A suppresses motility and 'in vitro' capacitation achievement of boar spermatozoa but does not affect the sperm energy levels. *Febs Journal*. 280 - Suppl 1, pp. 266 - 266. (United Kingdom): Wiley, 2013. ISSN 1742-464X  
**Type of production:** Abstract  
**Position of signature:** 1  
**Total no. authors:** 9  
**Impact source:** ISI  
**Impact index in year of publication:** 3.986  
**Position of publication:** 85

**Format:** Journal

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 291

- 326** Castillo-Martín, M.; Bonet, S.; Morató, R.; Mogas, T.; Yeste, M. Increase of DNA fragmentation alters vitrification of in vitro produced porcine blastocyst cultured in NCSU23 with pyruvate/lactate instead of glucose. *Reproduction in Domestic Animals*. 47 - Suppl 3, pp. 90 - 90. (Germany): Wiley, 2012. ISSN 0936-6768  
**Type of production:** Abstract  
**Position of signature:** 0  
**Impact source:** ISI  
**Impact index in year of publication:** 1.392  
**Position of publication:** 13  
**Impact source:** ISI  
**Impact index in year of publication:** 1.392  
**Position of publication:** 40  
**Impact source:** ISI  
**Impact index in year of publication:** 1.392  
**Position of publication:** 26

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 54

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 143

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 28

- 327** Casas, I.; Torner, E.; Yeste, M.; Puigmulé, M.; Bonet, S. The number of straws thawed influences motility in boar cryopreserved sperm. *Reproduction in Domestic Animals*. 47 - Suppl 3, pp. 98 - 98. (Germany): Wiley, 2012. ISSN 0936-6768  
**Type of production:** Abstract  
**Position of signature:** 0  
**Impact source:** ISI  
**Impact index in year of publication:** 1.392  
**Position of publication:** 13  
**Impact source:** ISI  
**Impact index in year of publication:** 1.392  
**Position of publication:** 40  
**Impact source:** ISI  
**Impact index in year of publication:** 1.392  
**Position of publication:** 26

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 54

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 143

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 28

- 328** Bussalleu, E.; Sepúlveda, L.; Yeste, M.; Briz, M.; Torner, E.; Bonet, S. Effects of different *Clostridium perfringens* concentration on boar sperm motility. *Reproduction in Domestic Animals*. 47 - Suppl 3, pp. 99 - 99. (Germany): Wiley, 2012. ISSN 0936-6768
- Type of production:** Abstract  
**Position of signature:** 0  
**Impact source:** ISI  
**Impact index in year of publication:** 1.392  
**Position of publication:** 13  
**Impact source:** ISI  
**Impact index in year of publication:** 1.392  
**Position of publication:** 40  
**Impact source:** ISI  
**Impact index in year of publication:** 1.392  
**Position of publication:** 26
- Format:** Journal  
**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 54  
**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 143  
**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 28
- 329** Puigmulé, M.; Fàbrega, A.; Yeste, M.; Pinart, E.; Briz, M.; Bonet, S. Effect of liquid storage in short- and long-term extenders on cell viability, apoptosis and acrosome integrity of boar spermatozoa. *Reproduction in Domestic Animals*. 47 - Suppl 3, pp. 101 - 101. (Germany): Wiley, 2012. ISSN 0936-6768  
**DOI:** <https://doi.org/10.1111/j.1439-0531.2012.02044.x>
- Type of production:** Abstract  
**Position of signature:** 0  
**Total no. authors:** 6  
**Impact source:** ISI  
**Impact index in year of publication:** 1.392  
**Position of publication:** 13  
**Impact source:** ISI  
**Impact index in year of publication:** 1.392  
**Position of publication:** 40  
**Impact source:** ISI  
**Impact index in year of publication:** 1.392  
**Position of publication:** 26
- Format:** Journal  
**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 54  
**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 143  
**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 28
- 330** Estrada, E.; Yeste, M.; Bonet, S.; Rigau, T.; Rodríguez-Gil, J.E. Good boar freezeability ejaculates show higher stability of disulfide bonds between cysteine residues of sperm head proteins than poor freezeability ejaculates after freezing/thawing. *Reproduction in Domestic Animals*. 47 - Suppl 3, pp. 102 - 102. (Germany): Wiley, 2012. ISSN 0936-6768
- Type of production:** Abstract  
**Position of signature:** 0  
**Impact source:** ISI  
**Impact index in year of publication:** 1.392  
**Position of publication:** 13  
**Impact source:** ISI
- Format:** Journal  
**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 54

**Impact index in year of publication:** 1.392  
**Position of publication:** 40

**Impact source:** ISI  
**Impact index in year of publication:** 1.392  
**Position of publication:** 26

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 143

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 28

- 331** Yeste, M.; Estrada, E.; Rivera, M.; Bonet, S.; Rodríguez-Gil, J.E. Phosphorylation of serine residues in HSP70 during holding time at 17°C is related with higher resistance of boar spermatozoa to cryopreservation. *Reproduction in Domestic Animals*. 47 - Suppl 5, pp. 71 - 71. (Germany): Wiley, 2012. ISSN 0936-6768

**Type of production:** Abstract  
**Position of signature:** 0

**Format:** Journal

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.392  
**Position of publication:** 13

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 54

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.392  
**Position of publication:** 40

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 143

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.392  
**Position of publication:** 26

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 28

- 332** Castillo-Martín, M.; Yeste, M.; Morató, R.; Mogas, T.; Bonet, S. The effect of L-ascorbic acid during culture, cryopreservation, or both on porcine embryos produced in vitro. *Reproduction, Fertility and Development*. 25 - 1, pp. 177 - 177. (Australia): CSIRO Publishing, 2012. ISSN 1031-3613

**DOI:** <https://doi.org/10.1071/RDv25n1Ab60>

**Type of production:** Abstract  
**Position of signature:** 2

**Format:** Journal

**Total no. authors:** 5

**Impact source:** ISI

**Category:** DEVELOPMENTAL BIOLOGY

**Impact index in year of publication:** 2.583  
**Position of publication:** 28

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 41

**Impact source:** ISI

**Category:** ZOOLOGY

**Impact index in year of publication:** 2.583  
**Position of publication:** 18

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 151

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 2.583  
**Position of publication:** 13

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 28

- 333** Fernández-Novell, J.M.; Estrada, M.; Yeste, M.; Rodríguez-Gil, J.E. Spermomics: a combined tools array designed for the global survey of sperm function. *Febs Journal*. 279 - Suppl 1, pp. 236 - 236. (United Kingdom): Wiley, 2012. ISSN 1742-464X

**Type of production:** Abstract  
**Position of signature:** 3

**Format:** Journal

**Total no. authors:** 4

**Impact source:** ISI

**Impact index in year of publication:** 4.25

**Position of publication:** 74

**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 290

- 334** Sancho, S.; Casas, I.; Vilagran, I.; Briz, M.; Yeste, M.; Fàbrega, A.; Bonet, S. The heat-shock protein family: are all members good predictors of the ejaculate freezability in boars?. *Reproduction in Domestic Animals*. 46 - Suppl 2, pp. 93 - 93. (Germany): Wiley, 2011. ISSN 0936-6768

**Type of production:** Abstract

**Position of signature:** 5

**Total no. authors:** 7

**Impact source:** ISI

**Impact index in year of publication:** 1.36

**Position of publication:** 15

**Impact source:** ISI

**Impact index in year of publication:** 1.36

**Position of publication:** 37

**Impact source:** ISI

**Impact index in year of publication:** 1.36

**Position of publication:** 26

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 54

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 143

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 28

- 335** Casas, I.; Sancho, S.; Briz, M.; Sánchez, E.; Fàbrega, A.; Puigmulé, M.; Yeste, M.; Bonet, S. Boar sperm from good freezability ejaculates maintain inner Cu/ZnSOD levels for up to six hours after thawing. *Reproduction in Domestic Animals*. 46 - Suppl 2, pp. 93 - 94. (Germany): Wiley, 2011. ISSN 0936-6768

**Type of production:** Abstract

**Position of signature:** 7

**Total no. authors:** 8

**Impact source:** ISI

**Impact index in year of publication:** 1.36

**Position of publication:** 15

**Impact source:** ISI

**Impact index in year of publication:** 1.36

**Position of publication:** 37

**Impact source:** ISI

**Impact index in year of publication:** 1.36

**Position of publication:** 26

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 54

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 143

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 28

- 336** Yeste, M.; Estrada, E.; Casas, I.; Bonet, S.; Rodríguez-Gil, J.E. Role of glutathione and procaine to stabilize the protamine/DNA complex after freezing and thawing of boar spermatozoa. *Reproduction in Domestic Animals*. 46 - Suppl 2, pp. 94 - 94. (Germany): Wiley, 2011. ISSN 0936-6768

**Type of production:** Abstract

**Position of signature:** 1

**Total no. authors:** 5

**Format:** Journal



**Impact source:** ISI

**Impact index in year of publication:** 1.36

**Position of publication:** 15

**Impact source:** ISI

**Impact index in year of publication:** 1.36

**Position of publication:** 37

**Impact source:** ISI

**Impact index in year of publication:** 1.36

**Position of publication:** 26

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 54

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 143

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 28

- 337** Puigmulé, M.; Fàbrega, A.; Yeste, M.; Bussalleu, E.; Briz, M.; Bonet, S.; Pinart, E. Pro/acrosin activity analysis along porcine epididymis. *Reproduction in Domestic Animals*. 46 - Suppl 3, pp. 143 - 143. (Germany): Wiley, 2011. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/j.1439-0531.2011.01839.x>

**Type of production:** Abstract

**Position of signature:** 3

**Total no. authors:** 7

**Impact source:** ISI

**Impact index in year of publication:** 1.36

**Position of publication:** 15

**Impact source:** ISI

**Impact index in year of publication:** 1.36

**Position of publication:** 37

**Impact source:** ISI

**Impact index in year of publication:** 1.36

**Position of publication:** 26

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 54

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 143

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 28

- 338** Bussalleu, E.; Yeste, M.; Pinart, E.; Briz, M.; Sancho, S.; Torner, E.; Bonet, S. Effects of different enterotoxigenic and verotoxigenic *E. coli* concentrations on boar sperm quality. *Reproduction in Domestic Animals*. 46 - Suppl 3, pp. 92 - 92. (Germany): Wiley, 2011. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/j.1439-0531.2011.01839.x>

**Type of production:** Abstract

**Position of signature:** 2

**Total no. authors:** 7

**Impact source:** ISI

**Impact index in year of publication:** 1.36

**Position of publication:** 15

**Impact source:** ISI

**Impact index in year of publication:** 1.36

**Position of publication:** 37

**Impact source:** ISI

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 54

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** No

**No. of journals in the cat.:** 143

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.36  
**Position of publication:** 26

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 28

**339** Casas, I.; Sancho, S.; Briz, M.; Pinart, E.; Bussalleu, E.; Yeste, M.; Fàbrega, A.; Puigmulé, M.; García, E.; Torner, E.; Castillo, M.; Bonet, S. Testing sonication conditions on boar sperm pellets to maximize protein recovery in supernatants. *Reproduction in Domestic Animals*. 45 - Suppl 2, pp. 95 - 95. (Germany): Wiley, 2010. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/j.1439-0531.2010.01655.x>

**Type of production:** Abstract

**Position of signature:** 0

**Total no. authors:** 12

**Impact source:** ISI

**Impact index in year of publication:** 1.606

**Position of publication:** 10

**Impact source:** ISI

**Impact index in year of publication:** 1.606

**Position of publication:** 26

**Impact source:** ISI

**Impact index in year of publication:** 1.606

**Position of publication:** 22

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 55

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 145

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 26

**340** Puigmulé, M.; Fàbrega, A.; Briz, M.; Sancho, S.; Bussalleu, E.; Yeste, M.; Casas, I.; García, E.; Torner, E.; Bonet, S.; Pinart, E. Optimization of the In Vitro capacitation time of boar spermatozoa by assesment of sperm viability and membrane fluidity. *Reproduction in Domestic Animals*. 45 - Suppl 2, pp. 97 - 97. (Germany): Wiley, 2010. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/j.1439-0531.2010.01655.x>

**Type of production:** Abstract

**Position of signature:** 6

**Total no. authors:** 11

**Impact source:** ISI

**Impact index in year of publication:** 1.606

**Position of publication:** 10

**Impact source:** ISI

**Impact index in year of publication:** 1.606

**Position of publication:** 26

**Impact source:** ISI

**Impact index in year of publication:** 1.606

**Position of publication:** 22

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 55

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 145

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 26

**341** Fàbrega, A.; Puigmulé, M.; Briz, M.; Sancho, S.; Bussalleu, E.; Yeste, M.; Casas, I.; García, E.; Torner, E.; Bonet, S.; Pinart, E. Immunolocalization of proacrosin in epididymal spermatozoa from fertile boars. *Reproduction in Domestic Animals*. 45 - Suppl 2, pp. 97 - 97. (Germany): Wiley, 2010. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/j.1439-0531.2010.01655.x>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 6

**Total no. authors:** 11

**Impact source:** ISI

**Impact index in year of publication:** 1.606

**Position of publication:** 10

**Impact source:** ISI

**Impact index in year of publication:** 1.606

**Position of publication:** 26

**Impact source:** ISI

**Impact index in year of publication:** 1.606

**Position of publication:** 22

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 55

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 145

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 26

**342** Casas, I.; Sancho, S.; Briz, M.; Bussalleu, E.; Yeste, M.; Fàbrega, A.; Puigmulé, M.; Garcia, E.; Torner, E.; Castillo, M.; Bonet, S. Does fructose in BTS improve quality parameters in boar frozen-thawed sperm?. *Reproduction in Domestic Animals*. 45 - Suppl 3, pp. 63 - 63. (Germany): Wiley, 2010. ISSN 0936-6768

**DOI:** [https://doi.org/10.1111/j.1439-0531.2010.01654\\_3.x](https://doi.org/10.1111/j.1439-0531.2010.01654_3.x)

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 5

**Total no. authors:** 11

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 55

**Impact index in year of publication:** 1.606

**Position of publication:** 10

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 145

**Impact index in year of publication:** 1.606

**Position of publication:** 26

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 26

**Impact index in year of publication:** 1.606

**Position of publication:** 22

**343** Puigmulé, M.; Fàbrega, A.; Briz, M.; Sancho, S.; Bussalleu, E.; Yeste, M.; Casas, I.; García, E.; Torner, E.; Bonet, S.; Pinart, E. Pro/acrosin activity and western blot analysis in capacited and non-capacited boar spermatozoa. *Reproduction in Domestic Animals*. 45 - Suppl 3, pp. 70 - 70. (Germany): Wiley, 2010. ISSN 0936-6768

**DOI:** [https://doi.org/10.1111/j.1439-0531.2010.01654\\_3.x](https://doi.org/10.1111/j.1439-0531.2010.01654_3.x)

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 6

**Total no. authors:** 11

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 55

**Impact index in year of publication:** 1.606

**Position of publication:** 10

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**Impact index in year of publication:** 1.606

**Position of publication:** 26

**Impact source:** ISI

**Impact index in year of publication:** 1.606

**Position of publication:** 22

**No. of journals in the cat.:** 145

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 26

**344** Casas, I.; Briz, M.; Sancho, S.; Pinart, E.; Bussalleu, E.; Yeste, M.; Fàbrega, A.; Puigmulé, M.; García, E.; Bonet, S. Freezability of Pietrain boar ejaculates evaluated by sperm kinematics. *Reproduction in Domestic Animals*. 44 - Suppl 3, pp. 83 - 83. (Germany): Wiley, 2009. ISSN 0936-6768

**DOI:** [https://doi.org/10.1111/j.1439-0531.2009.01488\\_3.x](https://doi.org/10.1111/j.1439-0531.2009.01488_3.x)

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 6

**Total no. authors:** 10

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.606

**Journal in the top 25%:** Yes

**Position of publication:** 11

**No. of journals in the cat.:** 50

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.606

**Journal in the top 25%:** Yes

**Position of publication:** 25

**No. of journals in the cat.:** 142

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.606

**Journal in the top 25%:** No

**Position of publication:** 19

**No. of journals in the cat.:** 26

**345** Fàbrega, A.; Puigmulé, M.; Briz, M.; Sancho, S.; Bussalleu, E.; Yeste, M.; Casas, I.; García, E.; Bonet, S.; Pinart, E. Pro/acrosin expression in epididymal spermatozoa from fertile boars. *Reproduction in Domestic Animals*. 44 - Suppl 3, pp. 83 - 83. (Germany): Wiley, 2009. ISSN 0936-6768

**DOI:** [https://doi.org/10.1111/j.1439-0531.2009.01488\\_3.x](https://doi.org/10.1111/j.1439-0531.2009.01488_3.x)

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 6

**Total no. authors:** 10

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.606

**Journal in the top 25%:** Yes

**Position of publication:** 11

**No. of journals in the cat.:** 50

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.606

**Journal in the top 25%:** Yes

**Position of publication:** 25

**No. of journals in the cat.:** 142

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.606

**Journal in the top 25%:** No

**Position of publication:** 19

**No. of journals in the cat.:** 26

**346** Bussalleu, E.; Glaria, I.; Pinart, E.; de Andrés, D.F.; Amorena, B.; Briz, M.; Sancho, S.; Yeste, M.; Bonet, S. A PCR technique to detect the PRRSV virus in blood and semen samples in boar. *Reproduction in Domestic Animals*. 44 - Suppl 3, pp. 98 - 98. (Germany): Wiley, 2009. ISSN 0936-6768

**DOI:** [https://doi.org/10.1111/j.1439-0531.2009.01488\\_3.x](https://doi.org/10.1111/j.1439-0531.2009.01488_3.x)

**Type of production:** Abstract  
**Position of signature:** 8  
**Total no. authors:** 9  
**Impact source:** ISI

**Impact index in year of publication:** 1.606  
**Position of publication:** 11

**Impact source:** ISI

**Impact index in year of publication:** 1.606  
**Position of publication:** 25

**Impact source:** ISI  
**Impact index in year of publication:** 1.606  
**Position of publication:** 19

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 50

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 142

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 26

- 347** García-Bonavila, E.; Yeste, M.; Bonet, S.; Pinart, E.; Sancho, S.; Bussalleu, E.; Casas I.; Fàbrega, A.; Briz, M. Dynamics of boar sperm morphology during co-incubation with epididymal explants. *Reproduction in Domestic Animals*. 44 - Suppl 3, pp. 84 - 85. (Germany): Wiley, 2009. ISSN 0936-6768  
**DOI:** [https://doi.org/10.1111/j.1439-0531.2009.01488\\_3.x](https://doi.org/10.1111/j.1439-0531.2009.01488_3.x)

**Type of production:** Abstract  
**Position of signature:** 2  
**Total no. authors:** 9  
**Impact source:** ISI

**Impact index in year of publication:** 1.606  
**Position of publication:** 11

**Impact source:** ISI

**Impact index in year of publication:** 1.606  
**Position of publication:** 25

**Impact source:** ISI  
**Impact index in year of publication:** 1.606  
**Position of publication:** 19

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 50

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 142

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 26

- 348** Yeste, M.; Holt, W.V.; Briz, M.; Bonet, S.; Lloyd, R.E. Boar spermatozoa do not induce changes in heat shock protein gene expression without direct contact with oviductal epithelial cells. *Reproduction in Domestic Animals*. 44 - Suppl 3, pp. 132 - 132. (Germany): Wiley, 2009. ISSN 0936-6768

**Type of production:** Abstract  
**Position of signature:** 1  
**Total no. authors:** 5  
**Impact source:** ISI

**Impact index in year of publication:** 1.606  
**Position of publication:** 11

**Impact source:** ISI

**Impact index in year of publication:** 1.606

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 50

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**Position of publication:** 25

**Impact source:** ISI

**Impact index in year of publication:** 1.606

**Position of publication:** 19

**No. of journals in the cat.:** 142

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 26

**349** Yeste, M.; Briz, M.; Pinart, E.; Sancho, S.; Bussalleu, E.; Casas, I.; Fàbrega, A.; Puigmulé, M.; García-Bonavilla, E.; Bonet, S. Boar sperm quality alter addition of pentoxifyline to short-term extender. *Reproduction in Domestic Animals*. 43 - 3, pp. 219 - 219. (Germany): Wiley, 2008. Available on-line at: <<http://dx.doi.org/10.1111/j.1439-0531.2008.01234.x>>. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/j.1439-0531.2008.01234.x>

**Type of production:** Abstract

**Position of signature:** 0

**Total no. authors:** 10

**Impact source:** ISI

**Impact index in year of publication:** 1.526

**Position of publication:** 20

**Impact source:** ISI

**Impact index in year of publication:** 1.526

**Position of publication:** 16

**Impact source:** ISI

**Impact index in year of publication:** 1.526

**Position of publication:** 29

**Impact source:** ISI

**Impact index in year of publication:** 1.526

**Position of publication:** 16

**Impact source:** ISI

**Impact index in year of publication:** 1.526

**Position of publication:** 23

**Format:** Journal

**Category:** AGRICULTURE, MULTIDISCIPLINARY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 89

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** No

**No. of journals in the cat.:** 54

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 134

**Category:** AGRICULTURAL EXPERIMENT STATION REPORTS

**Journal in the top 25%:** No

**No. of journals in the cat.:** 54

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 25

**350** Pruneda, A.; Pinart, E.; Briz, M.D.; Sancho, S.; Bussalleu, E.; Yeste, M.; Casas, I.; Fàbrega, A.; Barrera, X.; Mas, G.; Bonet, S. Effect of L-carnitine administration on the seminal characteristics of Pietrain boars. *Theriogenology*. 70 - 8, pp. 1387 - 1387. (United States of America): Elsevier, 2008. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2008.06.044>

**Type of production:** Abstract

**Position of signature:** 6

**Total no. authors:** 11

**Impact source:** ISI

**Impact index in year of publication:** 2.041

**Position of publication:** 9

**Impact source:** ISI

**Impact index in year of publication:** 2.041

**Position of publication:** 17

**Format:** Journal

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 134

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 25

- 351** Yeste, M.; Lloyd, R.E.; Briz, M.; Badia, E.; Bonet, S.; Holt, W.V. Boar sperm quality after co-culture with homologous oviductal epithelial cells. *Theriogenology*. 70 - 8, pp. 1389 - 1389. (United States of America): Elsevier, 2008. ISSN 0093-691X  
**DOI:** <https://doi.org/10.1016/j.theriogenology.2008.06.060>  
**Type of production:** Abstract **Format:** Journal  
**Position of signature:** 1  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Impact index in year of publication:** 2.041 **Journal in the top 25%:** Yes  
**Position of publication:** 9 **No. of journals in the cat.:** 134  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 2.041 **Journal in the top 25%:** No  
**Position of publication:** 17 **No. of journals in the cat.:** 25
- 352** Casas, I.; Sancho, S.; Briz, M.; Pinart, E.; García-Gil, N.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Fàbrega, A.; Rodríguez-Gil, J.E.; Bonet, S. Valuable boar sperm parameters on searching for freezability traits. *Theriogenology*. 70 - 8, pp. 1396 - 1396. (United States of America): Elsevier, 2008. ISSN 0093-691X  
**DOI:** <https://doi.org/10.1016/j.theriogenology.2008.06.062>  
**Type of production:** Abstract **Format:** Journal  
**Position of signature:** 8  
**Total no. authors:** 11  
**Impact source:** ISI **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Impact index in year of publication:** 2.041 **Journal in the top 25%:** Yes  
**Position of publication:** 9 **No. of journals in the cat.:** 134  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 2.041 **Journal in the top 25%:** No  
**Position of publication:** 17 **No. of journals in the cat.:** 25
- 353** Sancho, S.; Casas, I.; Ekwall, H.; Saravia, F.; Rodríguez-Martínez, H.; Rodríguez-Gil, J.E.; Flores, E.; Pinart, E.; Briz, M.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Fàbrega, A.; Bonet, S. Sperm cryopreservation in Iberian boars: study of the sperm quality and distribution of the 2 hexose transporters Glut-3 and Glut-5. *Theriogenology*. 70 - 8, pp. 1399 - 1399. (United States of America): Elsevier, 2008. ISSN 0093-691X  
**DOI:** <https://doi.org/10.1016/j.theriogenology.2008.06.067>  
**Type of production:** Abstract **Format:** Journal  
**Position of signature:** 12  
**Total no. authors:** 14  
**Impact source:** ISI **Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Impact index in year of publication:** 2.041 **Journal in the top 25%:** Yes  
**Position of publication:** 9 **No. of journals in the cat.:** 134  
**Impact source:** ISI **Category:** REPRODUCTIVE BIOLOGY  
**Impact index in year of publication:** 2.041 **Journal in the top 25%:** No  
**Position of publication:** 17 **No. of journals in the cat.:** 25

- 354** Yeste, M.; Lloyd, R.E.; Briz, M.; Bonet, S.; Holt, W.V. The changes in the expression of three heat shock proteins during in vitro homologous oviductal epithelial cell co-culture. *Reproduction in Domestic Animals*. 43 - Suppl 4, pp. 53 - 53. (Germany): Wiley, 2008. ISSN 0936-6768
- Type of production:** Abstract  
**Position of signature:** 1  
**Total no. authors:** 5  
**Impact source:** ISI  
**Impact index in year of publication:** 1.526  
**Position of publication:** 20
- Impact source:** ISI  
**Impact index in year of publication:** 1.526  
**Position of publication:** 16
- Impact source:** ISI  
**Impact index in year of publication:** 1.526  
**Position of publication:** 29
- Impact source:** ISI  
**Impact index in year of publication:** 1.526  
**Position of publication:** 16
- Impact source:** ISI  
**Impact index in year of publication:** 1.526  
**Position of publication:** 23
- Format:** Journal
- Category:** AGRICULTURE, MULTIDISCIPLINARY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 89
- Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 54
- Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 134
- Category:** AGRICULTURAL EXPERIMENT STATION REPORTS  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 54
- Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 25

- 355** Casas, I.; Sancho, S.; Briz, M.; Pinart, E.; Bussalleu, E.; Yeste, M.; Fàbrega, A.; Puigmulé, M.; García, E.; Bonet, S. Quality of frozen-thawed boar sperm after different dilutions in BTS. *Reproduction in Domestic Animals*. 43 - Suppl 4, pp. 72 - 72. (Germany): Wiley, 2008. ISSN 0936-6768  
**DOI:** <https://doi.org/10.1111/j.1439-0531.2008.01236.x>
- Type of production:** Abstract  
**Position of signature:** 6  
**Total no. authors:** 10  
**Impact source:** ISI  
**Impact index in year of publication:** 1.526  
**Position of publication:** 20
- Impact source:** ISI  
**Impact index in year of publication:** 1.526  
**Position of publication:** 16
- Impact source:** ISI  
**Impact index in year of publication:** 1.526  
**Position of publication:** 29
- Impact source:** ISI  
**Impact index in year of publication:** 1.526  
**Position of publication:** 16
- Format:** Journal
- Category:** AGRICULTURE, MULTIDISCIPLINARY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 89
- Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 54
- Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 134
- Category:** AGRICULTURAL EXPERIMENT STATION REPORTS  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 54



**Impact source:** ISI  
**Impact index in year of publication:** 1.526  
**Position of publication:** 23

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 25

**356** Casas, I.; Sancho, S.; Briz, M.; Pinart, E.; Bussalleu, E.; Yeste, M.; Fàbrega, A.; Diaz, M.; Reixach, J.; Barrera, X.; Bonet, S. Pregnancy of sows with frozen-thawed semen using the post-cervical method. *Reproduction in Domestic Animals*. 43 - Suppl 5, pp. 55 - 56. (Germany): Wiley, 2008. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/j.1439-0531.2008.01256.x>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 6

**Total no. authors:** 11

**Impact source:** ISI

**Category:** AGRICULTURE, MULTIDISCIPLINARY

**Impact index in year of publication:** 1.526

**Journal in the top 25%:** Yes

**Position of publication:** 20

**No. of journals in the cat.:** 89

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.526

**Journal in the top 25%:** No

**Position of publication:** 16

**No. of journals in the cat.:** 54

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.526

**Journal in the top 25%:** Yes

**Position of publication:** 29

**No. of journals in the cat.:** 134

**Impact source:** ISI

**Category:** AGRICULTURAL EXPERIMENT STATION REPORTS

**Impact index in year of publication:** 1.526

**Journal in the top 25%:** No

**Position of publication:** 16

**No. of journals in the cat.:** 54

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.526

**Journal in the top 25%:** No

**Position of publication:** 23

**No. of journals in the cat.:** 25

**357** Bussalleu, E.; Pinart, E.; Yeste, M.; Briz, M.; Sancho, S.; Casas, I.; Fàbrega, A.; Puigmulé, M.; Garcia, E.; Santos, M.; Bonet, S. Correlation between sperm motility, mitochondrial sheath integrity and L-lactate production in asthenospermic boars. *Reproduction in Domestic Animals*. 43 - 5, pp. 54 - 55. (Germany): Wiley, 2008. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/j.1439-0531.2008.01256.x>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 0

**Total no. authors:** 11

**Impact source:** ISI

**Category:** AGRICULTURE, MULTIDISCIPLINARY

**Impact index in year of publication:** 1.526

**Journal in the top 25%:** Yes

**Position of publication:** 20

**No. of journals in the cat.:** 89

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.526

**Journal in the top 25%:** No

**Position of publication:** 16

**No. of journals in the cat.:** 54

**Impact source:** ISI

**Impact index in year of publication:** 1.526

**Position of publication:** 29

**Impact source:** ISI

**Impact index in year of publication:** 1.526

**Position of publication:** 16

**Impact source:** ISI

**Impact index in year of publication:** 1.526

**Position of publication:** 23

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 134

**Category:** AGRICULTURAL EXPERIMENT STATION REPORTS

**Journal in the top 25%:** No

**No. of journals in the cat.:** 54

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 25

- 358** Bussalleu, E.; Pinart, E.; Fàbrega, A.; Briz, M.; Sancho, S.; Pruneda, A.; Yeste, M.; Casas, I.; Flores, E.; Rodríguez, J.E.; Bonet, S. Effects of filtration in Sephadex A-50 or Sephadex C-50 columns glass beads and glass wool on sperm quality in boars with asthenospermic and asthenoteratospermic ejaculates. *Reproduction in Domestic Animals*. 42 - 2, pp. 88 - 88. (Germany): Wiley, 2007. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/j.1439-0531.2007.00910.x>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 0

**Total no. authors:** 11

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.297

**Journal in the top 25%:** No

**Position of publication:** 15

**No. of journals in the cat.:** 47

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.297

**Journal in the top 25%:** Yes

**Position of publication:** 29

**No. of journals in the cat.:** 133

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.297

**Journal in the top 25%:** No

**Position of publication:** 23

**No. of journals in the cat.:** 25

- 359** Bassols, J.; Kádar, E.; Briz, M.; Pinart, E.; Sancho, S.; García-Gil, N.; Badia, E.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Casas, I.; Bonet, S. ESDAR Poster Abstracts: Abstract P49: Migration of the cytoplasmic droplet in epididymal cultures of *Sus scrofa*. *Reproduction in Domestic Animals*. 41 - 4, pp. 322 - 322. (Germany): Wiley, 2006. ISSN 0936-6768

**DOI:** [https://doi.org/10.1111/j.1439-0531.2006.00728\\_3.x](https://doi.org/10.1111/j.1439-0531.2006.00728_3.x)

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 0

**Total no. authors:** 12

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.503

**Journal in the top 25%:** Yes

**Position of publication:** 8

**No. of journals in the cat.:** 44

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.503

**Journal in the top 25%:** Yes

**Position of publication:** 21

**No. of journals in the cat.:** 129



**Impact source:** ISI  
**Impact index in year of publication:** 1.503  
**Position of publication:** 19

**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 24

- 360** Sancho, S.; Casas, I.; Pinart, E.; Briz, M.; García-Gil, N.; Bassols, J.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Flores, E.; Rodríguez-Gil, J.; Ekwall, H.; Rodríguez-Martínez, H.; Bonet, S. Effects of cryopreservation on the expression of Glut-3, Glut-5 and As-A proteins in iberian boar sperm membranes. *Reproduction in Domestic Animals*. 41 - s2, pp. 103 - 103. (Germany): Wiley, 2006. Available on-line at: <[http://dx.doi.org/10.1111/j.1439-0531.2006.00774\\_1\\_1.x](http://dx.doi.org/10.1111/j.1439-0531.2006.00774_1_1.x)>. ISSN 0936-6768

**DOI:** [https://doi.org/10.1111/j.1439-0531.2006.00774\\_1\\_1.x](https://doi.org/10.1111/j.1439-0531.2006.00774_1_1.x)

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 0

**Total no. authors:** 14

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.503

**Journal in the top 25%:** Yes

**Position of publication:** 8

**No. of journals in the cat.:** 44

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.503

**Journal in the top 25%:** Yes

**Position of publication:** 21

**No. of journals in the cat.:** 129

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.503

**Journal in the top 25%:** No

**Position of publication:** 19

**No. of journals in the cat.:** 24

- 361** Casas, I.; Sancho, S.; Rodríguez-Gil, J.E.; Ekwall, H.; Saravia, F.; Rodríguez-Martínez, H.; Flores, E.; Pinart, E.; Briz, M.; García-Gil, N.; Bassols, J.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Mas, A.; Bonet, S. Freezability of Iberian boar semen: injuries on the acrosomal membrane appear early at 5°C. *Reproduction in Domestic Animals*. 41 - Suppl 2, pp. 109 - 109. (Germany): Wiley, 2006. ISSN 0936-6768

**DOI:** [https://doi.org/10.1111/j.1439-0531.2006.00774\\_2.x](https://doi.org/10.1111/j.1439-0531.2006.00774_2.x)

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 14

**Total no. authors:** 16

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.526

**Journal in the top 25%:** Yes

**Position of publication:** 8

**No. of journals in the cat.:** 44

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.526

**Journal in the top 25%:** Yes

**Position of publication:** 21

**No. of journals in the cat.:** 129

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.526

**Journal in the top 25%:** No

**Position of publication:** 19

**No. of journals in the cat.:** 24

- 362** Yeste, M.; Briz, M.; Pinart, E.; Sancho, S.; García-Gil, N.; Badia, E.; Bassols, J.; Pruneda, A.; Bussalleu, E.; Casas, I.; Mas, A.; Bonet, S. Effect of hyaluronic acid addition on boar sperm quality. *Reproduction in Domestic Animals*. 41 - Suppl 2, pp. 109 - 109. (Germany): Wiley, 2006. ISSN 0936-6768



DOI: [https://doi.org/10.1111/j.1439-0531.2006.00774\\_2.x](https://doi.org/10.1111/j.1439-0531.2006.00774_2.x)

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 12

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.503

**Journal in the top 25%:** Yes

**Position of publication:** 8

**No. of journals in the cat.:** 44

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.503

**Journal in the top 25%:** Yes

**Position of publication:** 21

**No. of journals in the cat.:** 129

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.503

**Journal in the top 25%:** No

**Position of publication:** 19

**No. of journals in the cat.:** 24

- 363** Pinart, E.; Bussalleu, E.; Yeste, M.; Briz, M.; García-Gil, N.; Badia, E.; Bassols, J.; Pruneda, A.; Casas, I.; Bonet, S. Poster Abstracts: Assesment of the functional status of boar spermatozoa by multiple staining with fluorochromes. *Reproduction in Domestic Animals*. 40 - 4, pp. 356 - 356. (Germany): Wiley, 2005. Available on-line at: <http://www.blackwell-synergy.com/toc/rda/40/4>. ISSN 0936-6768

DOI: <https://doi.org/10.1111/j.1439-0531.2005.00590.x>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 0

**Total no. authors:** 10

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.835

**Journal in the top 25%:** Yes

**Position of publication:** 4

**No. of journals in the cat.:** 43

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 1.835

**Journal in the top 25%:** Yes

**Position of publication:** 5

**No. of journals in the cat.:** 129

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 1.835

**Journal in the top 25%:** No

**Position of publication:** 12

**No. of journals in the cat.:** 24

- 364** Yeste, M.; Briz, M.; Bussalleu, E.; Pinart, E.; Sancho, S.; García-Gil, N.; Badia, E.; Bassols, J.; Pruneda, A.; Casas, I.; Bonet, S. Poster Abstracts: Effects of osmotic changes on boar sperm quality. *Reproduction in Domestic Animals*. 40 - 4, pp. 367 - 367. (Germany): Wiley, 2005. ISSN 0936-6768

DOI: <https://doi.org/10.1111/j.1439-0531.2005.00590.x>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 0

**Total no. authors:** 11

**Impact source:** ISI

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Impact index in year of publication:** 1.835

**Journal in the top 25%:** Yes

**Position of publication:** 4

**No. of journals in the cat.:** 43

**Impact source:** ISI

**Impact index in year of publication:** 1.835

**Position of publication:** 5

**Impact source:** ISI

**Impact index in year of publication:** 1.835

**Position of publication:** 12

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 129

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 24

- 365** Bussalleu, E.; Pinart, E.; Briz, M.; Sancho, S.; García-Gil, N.; Badia, E.; Bassols, J.; Pruneda, A.; Yeste, M.; Casas, I.; Bonet, S. Poster Abstracts: Improvement of sperm quality of astenotheratonecrospermic boars by filtration in neuter Sephadex columns. Reproduction in Domestic Animals. 40 - 4, pp. 370 - 370. (Germany): Wiley, 2005. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/j.1439-0531.2005.00590.x>

**Type of production:** Abstract

**Position of signature:** 0

**Total no. authors:** 11

**Impact source:** ISI

**Impact index in year of publication:** 1.835

**Position of publication:** 4

**Impact source:** ISI

**Impact index in year of publication:** 1.835

**Position of publication:** 5

**Impact source:** ISI

**Impact index in year of publication:** 1.835

**Position of publication:** 12

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 43

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 129

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 24

- 366** Badia, E.; Pinart, E.; Briz, M.; Pastor, L.M.; Sancho, S.; García-Gil, N.; Badia, E.; Bassols, J.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Casas, I.; Bonet, S. Poster Abstracts: Lectin histochemistry of the boar prostate. Reproduction in Domestic Animals. 40 - 4, pp. 355 - 355. (Germany): Wiley, 2005. ISSN 0936-6768

**DOI:** <https://doi.org/10.1111/j.1439-0531.2005.00590.x>

**Type of production:** Abstract

**Position of signature:** 0

**Total no. authors:** 13

**Impact source:** ISI

**Impact index in year of publication:** 1.835

**Position of publication:** 4

**Impact source:** ISI

**Impact index in year of publication:** 1.835

**Position of publication:** 5

**Impact source:** ISI

**Impact index in year of publication:** 1.835

**Position of publication:** 12

**Format:** Journal

**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 43

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 129

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 24



- 367** Sancho, S.; Pinart, E.; Briz, M.; García-Gil, N.; Badia, E.; Bassols, J.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Casas, I.; Bonet, S. Poster Abstracts: Study of boar semen quality during an artificial photoperiod of 24, 12 and 0 hours. *Reproduction in Domestic Animals*. 40 - 4, pp. 408 - 408. (Germany): Wiley, 2005. ISSN 0936-6768  
DOI: <https://doi.org/10.1111/j.1439-0531.2005.00590.x>  
**Type of production:** Abstract  
**Position of signature:** 0  
**Total no. authors:** 11  
**Impact source:** ISI  
**Impact index in year of publication:** 1.835  
**Position of publication:** 4  
**Impact source:** ISI  
**Impact index in year of publication:** 1.835  
**Position of publication:** 5  
**Impact source:** ISI  
**Impact index in year of publication:** 1.835  
**Position of publication:** 12  
**Format:** Journal  
**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 43  
**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 129  
**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 24
- 368** Garcia-Gil, N.; Briz, M.; Pinart, E.; Sancho, S.; Badia, E.; Bassols, J.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Casas, I.; Bonet, S. Poster Abstracts: Ultrastructure of intercellular bridges connecting male germ cells in *Sus scrofa* boars. *Reproduction in Domestic Animals*. 40 - 4, pp. 351 - 352. (Germany): Wiley, 2005. ISSN 0936-6768  
DOI: <https://doi.org/10.1111/j.1439-0531.2005.00590.x>  
**Type of production:** Abstract  
**Position of signature:** 0  
**Total no. authors:** 11  
**Impact source:** ISI  
**Impact index in year of publication:** 1.835  
**Position of publication:** 4  
**Impact source:** ISI  
**Impact index in year of publication:** 1.835  
**Position of publication:** 5  
**Impact source:** ISI  
**Impact index in year of publication:** 1.835  
**Position of publication:** 12  
**Format:** Journal  
**Category:** AGRICULTURE, DAIRY & ANIMAL SCIENCE  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 43  
**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 129  
**Category:** REPRODUCTIVE BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 24
- 369** Sancho, S.; Pinart, E.; Briz, M.D.; Garcia-Gil, N.; Badia, E.; Kadar, E.; Bassols, J.; Pruneda, A.; Coll, M.G.; Bussalleu, E.; Yeste, M.; Bonet, S. Effect of seasonal photoperiod on porcine seminal quality. *Theriogenology*. 63 - 2, pp. 683 - 684. (United States of America): Elsevier, 2005. ISSN 0093-691X  
DOI: <https://doi.org/10.1016/j.theriogenology.2004.09.041>  
**Type of production:** Abstract  
**Position of signature:** 11  
**Total no. authors:** 12  
**Impact source:** ISI  
**Impact index in year of publication:** 2.161  
**Format:** Journal  
**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)  
**Journal in the top 25%:** Yes

**Position of publication:** 4

**Impact source:** ISI

**Impact index in year of publication:** 2.161

**Position of publication:** 10

**No. of journals in the cat.:** 129

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 24

- 370** Pinart, E.; Sancho, S.; Briz, M.; Garcia-Gil, N.; Badia, E.; Kádár, E.; Bassols, J.; Pruneda, A.; Coll, M.G.; Bussalleu, E.; Yeste, M.; Bonet, S. Effects of artificial photoperiod on biochemical composition of the seminal plasma of boars. *Theriogenology*. 63 - 2, pp. 682 - 683. (United States of America): Elsevier, 2005. ISSN 0093-691X

**Type of production:** Abstract

**Position of signature:** 0

**Total no. authors:** 12

**Impact source:** ISI

**Impact index in year of publication:** 2.161

**Position of publication:** 4

**Impact source:** ISI

**Impact index in year of publication:** 2.161

**Position of publication:** 10

**Format:** Journal

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 129

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 24

- 371** Pruneda, A.; Pinart, E.; Briz, M.; Sancho, S.; Garcia-Gil, N.; Badia, E.; Kádár, E.; Bassols, J.; Coll, M.G.; Bussalleu, E.; Yeste, M.; Bonet, S. Influence of high semen-collection frequency on epididymal and ejaculated sperm quality of boars. *Theriogenology*. 63 - 2, pp. 679 - 680. (United States of America): Elsevier, 2005. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2004.09.041>

**Type of production:** Abstract

**Position of signature:** 11

**Total no. authors:** 12

**Impact source:** ISI

**Impact index in year of publication:** 2.161

**Position of publication:** 4

**Impact source:** ISI

**Impact index in year of publication:** 2.161

**Position of publication:** 10

**Format:** Journal

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 129

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 24

- 372** Badia, E.; Pinart, E.; Briz, M.; Pastor, L.M.; Sancho, S.; Garcia-Gil, N.; Kádár, E.; Bassols, J.; Pruneda, A.; Coll, M.G.; Bussalleu, E.; Yeste, M.; Bonet, S. Section 1 abstracts: Lectin histochemistry of boar vesicular glands. *Theriogenology*. 63 - 2, pp. 366 - 367. (United States of America): Elsevier, 2005. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2004.09.017>

**Type of production:** Abstract

**Position of signature:** 0

**Impact source:** ISI

**Impact index in year of publication:** 2.161

**Position of publication:** 4

**Impact source:** ISI

**Impact index in year of publication:** 2.161

**Position of publication:** 10

**Format:** Journal

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 129

**Category:** REPRODUCTIVE BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 24

**373** Garcia-Gil, N.; Briz, M.; Pinart, E.; Sancho, S.; Badia, E.; Kádár, E.; Bassols, J.; Pruneda, A.; Coll, M.G.; Bussalleu, E.; Yeste, M.; Bonet, S. Section 1 abstracts: Spermiogenesis in healthy Landrace boars. *Theriogenology*. 63 - 2, pp. 367 - 368. (United States of America): Elsevier, 2005. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2004.09.017>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 11

**Total no. authors:** 12

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 2.161

**Journal in the top 25%:** Yes

**Position of publication:** 4

**No. of journals in the cat.:** 129

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 2.161

**Journal in the top 25%:** No

**Position of publication:** 10

**No. of journals in the cat.:** 24

**374** Bassols, J.; Kádár, E.; Briz, M.; Pinart, E.; Sancho, S.; Garcia-Gil, N.; Badia, E.; Pruneda, A.; Coll, M.G.; Bussalleu, E.; Yeste, M.; Bonet, S. Section 1 abstracts: In vitro culture of boar epididymal epithelial cells. *Theriogenology*. 63 - 2, pp. 363 - 364. (United States of America): Elsevier, 2005. ISSN 0093-691X

**DOI:** <https://doi.org/10.1016/j.theriogenology.2004.09.017>

**Type of production:** Abstract

**Format:** Journal

**Position of signature:** 11

**Total no. authors:** 12

**Impact source:** ISI

**Category:** VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

**Impact index in year of publication:** 2.161

**Journal in the top 25%:** Yes

**Position of publication:** 4

**No. of journals in the cat.:** 129

**Impact source:** ISI

**Category:** REPRODUCTIVE BIOLOGY

**Impact index in year of publication:** 2.161

**Journal in the top 25%:** No

**Position of publication:** 10

**No. of journals in the cat.:** 24

## Works submitted to national or international conferences

**1** **Title of the work:** Relació dels antioxidants no enzimàtics i de l'índex d'estrés oxidatiu del plasma seminal amb la criotolerància dels espermatozoides de ruc

**Name of the conference:** XVII Jornada de Biologia de la Reproducció

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**City of event:** Girona, Spain

**Date of event:** 2022

**End date:** 2022

**Organising entity:** Societat Catalana de Biologia

Catalán, J.; Yáñez-Ortiz, I.; Martínez-Rodero, I.; Tvarijonaviciute, A.; Yeste, M.; Miró, J.; Barranco, I. "Biologia de la Reproducció (2022), 17: 63-69".

**2** **Title of the work:** Les aquaporines són essencials pel manteniment de l'organització de la membrana lipídica i de la motilitat espermàtiques durant la capacitació

**Name of the conference:** XVII Jornada de Biologia de la Reproducció





**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**City of event:** Girona, Spain

**Date of event:** 2022

**End date:** 2022

**Organising entity:** Societat Catalana de Biologia

Delgado-Bermúdez, A.; Ribas-Maynou, J.; Pinart, E.; Bonet, S.; Yeste, M."Biologia de la Reproducció (2022), 17: 71-77".

- 3** **Title of the work:** L'associació entre la ingesta d'àcids grassos omega-3 i aliments rics en omega-3 en dones i homes i els resultats de tècniques de reproducció assistida

**Name of the conference:** XVII Jornada de Biologia de la Reproducció

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**City of event:** Girona, Spain

**Date of event:** 2022

**End date:** 2022

**Organising entity:** Societat Catalana de Biologia

Chavarro, J.E.; Arvizu, M.; Minguez-Alarcón, L.; Mitsunami, M.; Ford, J.B.; Souter, I.; Ribas-Maynou, J.; Yeste, M.; Salas-Huetos, A."Biologia de la Reproducció (2022), 17: 87".

- 4** **Title of the work:** Els nivells espermàtics de GSTM3 es relacionen amb la fertilitat in vivo dels toros

**Name of the conference:** XVII Jornada de Biologia de la Reproducció

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**City of event:** Girona, Spain

**Date of event:** 2022

**End date:** 2022

**Organising entity:** Societat Catalana de Biologia

Garriga-Font, F.; Llavanera, M.; Muiño, R.; Hidalgo, C.O.; Bonet, S.; Yeste, M."Biologia de la Reproducció (2022), 17: 88".

- 5** **Title of the work:** Freshly ejaculated pig spermatozoa carry extracellular vesicles attached to their membranes

**Name of the conference:** XVII Jornada de Biologia de la Reproducció

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**City of event:** Girona, Spain

**Date of event:** 2022

**End date:** 2022

**Organising entity:** Societat Catalana de Biologia

Padilla, L.; Barranco, I.; Parra, A.; Yeste, M.; Roca, J."Biologia de la Reproducció (2022), 17: 95-96".

- 6** **Title of the work:** Efecte de l'aldosa reductasa B1 sobre la qualitat i funcionalitat de l'esperma boví després de la congelació

**Name of the conference:** XVII Jornada de Biologia de la Reproducció

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**City of event:** Girona, Spain

**Date of event:** 2022

**End date:** 2022



**Organising entity:** Societat Catalana de Biologia

Viñolas-Vergés, E.; Llavanera, M.; Recuero, S.; Delgado-Bermúdez, A.; Ribas-Maynou, J.; Barranco, I.; Yeste, M.; Mateo-Otero, Y."Biología de la Reproducción (2022), 17: 98".

- 7** **Title of the work:** Alternatives to the use of antibiotics in semen extenders  
**Name of the conference:** 15th International Congress on Swine Reproduction Dr. Santiago Martín Rillo  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Valencia, Spain  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** Kubus S.A. **Type of entity:** \*\*Sense Classificar  
Yeste, M.
- 8** **Title of the work:** The oxidative stress index (OSI) in seminal plasma could be a freezability marker in donkey semen  
**Name of the conference:** 19th International Congress on Animal Reproduction (ICAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Bologna, Italy  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** International Conference on Animal Reproduction **Type of entity:** \*\*Universitat  
Yáñez-Ortiz, I.; Catalán, J.; Tvarijonaviciute, A.; Rubio, C.P.; Yeste, M.; Barranco, I.; Miró, J."Abstract Book, 20".
- 9** **Title of the work:** Sperm GSTM3 is associated to in vivo cattle fertility  
**Name of the conference:** 19th International Congress on Animal Reproduction (ICAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - poster  
**City of event:** Bologna, Italy  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** International Conference on Animal Reproduction **Type of entity:** \*\*Universitat  
Llavanera, M.; Garriga-Font, F.; Barranco, I.; Tamargo, C.; Muiño, R.; Hidalgo, C.O.; Bonet, S.; Yeste, M."Abstract Book, 56".
- 10** **Title of the work:** Sperm telomere length in cattle is related to reactive oxygen species but not to reproductive outcomes  
**Name of the conference:** 19th International Congress on Animal Reproduction (ICAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - poster  
**City of event:** Bologna, Italy  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** International Conference on Animal Reproduction **Type of entity:** \*\*Universitat  
Ribas-Maynou, J.; Ruiz, N.; Muiño, R.; Hidalgo, C.O.; Tamargo, C.; Mateo-Otero, Y.; Llavanera, M.; Recuero, S.; Delgado-Bermudez, A.; Yeste, M."Abstract Book, 69".

- 11** **Title of the work:** Insights into the miRNAs expressions in spermatozoa from bulls of known fertility  
**Name of the conference:** 19th International Congress on Animal Reproduction (ICAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Bologna, Italy  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** International Conference on Animal Reproduction **Type of entity:** \*\*Universitat  
Salas-Huetos, A.; Ribas-Maynou, J.; Recuero, S.; Delgado-Bermúdez, A.; Llavanera, M.; Mateo-Otero, Y.; Maside, C.; Yeste, M."Abstract Book, 70".
- 12** **Title of the work:** Role of aldose reductase B1 on post-thaw quality and function of bovine sperm  
**Name of the conference:** 19th International Congress on Animal Reproduction (ICAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Bologna, Italy  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** International Conference on Animal Reproduction **Type of entity:** \*\*Universitat  
Mateo-Otero, Y.; Llavanera, M.; Recuero, S.; Delgado-Bermúdez, A.; Ribas-Maynou, J.; Barranco, I.; Yeste, M."Abstract Book, 106".
- 13** **Title of the work:** The activity of paraoxonase type 1 in donkey seminal plasma is related to sperm cryotolerance  
**Name of the conference:** 19th International Congress on Animal Reproduction (ICAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Bologna, Italy  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** International Conference on Animal Reproduction **Type of entity:** \*\*Universitat  
Catalán, J.; Yáñez-Ortiz, I.; Tvarijonaviciute, A.; Rubio, C.P.; Yeste, M.; Barranco, I.; Miró, J."Abstract Book, 190".
- 14** **Title of the work:** Sperm GSTM3: a potential molecular biomarker for sperm quality and male (in)fertility  
**Name of the conference:** 38th Hybrid Annual Meeting of the European Society of Human Reproduction and Embryology (ESHRE)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Milan, Italy  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** European Society of Human Reproduction and Embryology (ESHRE) **Type of entity:** \*\*Associacions Sectorials  
Llavanera, M.; Ribas-Maynou, J.; Delgado-Bermúdez, A.; Recuero, S.; Salas-Huetos, A.; Benet, J.; Yeste, M."Human Reproduction, 37(Suppl 1): 57".



- 15** **Title of the work:** Sperm chromatin structure resilience is related to fertilization and blastocyst rates in ICSI cycles involving both oocyte and sperm donors  
**Name of the conference:** 38th Hybrid Annual Meeting of the European Society of Human Reproduction and Embryology (ESHRE)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Milan, Italy  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** European Society of Human Reproduction and Embryology (ESHRE) **Type of entity:** \*\*Associacions Sectorials  
Ribas-Maynou, J.; Novo, S.; Salas-Huetos, A.; Mateo-Otero, Y.; Rovira, S.; Antich, M.; Yeste, M."Human Reproduction, 37(Suppl 1): 209".
- 16** **Title of the work:** Evaluation of two IVP bovine embryo sexing techniques according to their ability to preserve embryo viability after vitrification/warming  
**Name of the conference:** 38th Annual Meeting of the Association of Embryo Transfer in Europe (AETE)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Utrecht, Holland  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** Association of Embryo Technology in Europe (AETE) **Type of entity:** \*\*Universitat  
Martínez-Rodero, I.; Salas-Huetos, A.; Díaz-Muñoz, J.; Ordóñez-León, E.A.; García-Martínez, T.; Yeste, M.; Mogas, T."Book of Abstracts, 175".
- 17** **Title of the work:** Impact of sperm chromatin on embryogenesis  
**Name of the conference:** 25th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Thessaloniki, Greece  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** European Society for Domestic Animal Reproduction (ESDAR) **Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca  
Yeste, M."Reproduction in Domestic Animals, 57 (Suppl. 4): 40".
- 18** **Title of the work:** Oxidants present in seminal plasma do not influence donkey sperm cryotolerance  
**Name of the conference:** 25th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Thessaloniki, Greece  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** European Society for Domestic Animal Reproduction (ESDAR) **Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca  
Yáñez-Ortiz, I.; Catalán, J.; Tvarijonavičiute, A.; Rubio, C.; Yeste, M.; Barranco, I.; Miró, J."Reproduction in Domestic Animals, 57 (Suppl. 4): 96".

- 19** **Title of the work:** Metabolic profiling of preovulatory follicular fluid in jennies  
**Name of the conference:** 25th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Thessaloniki, Greece  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** European Society for Domestic Animal Reproduction (ESDAR) **Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca  
Catalán, J.; Martínez-Rodero, I.; Yáñez-Ortiz, I.; Mateo-Otero, Y.; Sanmartí, J.; Flores-Bragulat, A.; Dordas-Perpinyà, M.; Nolis, P.; Yeste, M.; Miró, J."Reproduction in Domestic Animals, 57 (Suppl. 4): 105".
- 20** **Title of the work:** Role of Na<sup>+</sup>/H<sup>+</sup> exchangers (NHE) during in vitro capacitation of sperm cells from *Sus domesticus*  
**Name of the conference:** 16th International Congress of the Spanish Society for Animal Reproduction (AERA)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** León, Spain  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** Asociación Española de Reproducción Animal  
Yeste, M.; Recuero, S.; Maside, C.; Bonet, S.; Pinart, E."Reproduction in Domestic Animals, 57 (Suppl. 5): 115".
- 21** **Title of the work:** Mitochondrial DNA transcription regulates boar sperm physiology and metabolism  
**Name of the conference:** 16th International Congress of the Spanish Society for Animal Reproduction (AERA)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** León, Spain  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** Asociación Española de Reproducción Animal  
Llavanera, M.; Salas-Huetos, A.; Bonet, S.; Ribas-Maynou, J.; Yeste, M."Reproduction in Domestic Animals, 57 (Suppl. 5): 121".
- 22** **Title of the work:** Inhibition of HSP70 increases progressive motility of pig sperm  
**Name of the conference:** 16th International Congress of the Spanish Society for Animal Reproduction (AERA)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** León, Spain  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** Asociación Española de Reproducción Animal  
Recuero, S.; Maside, C.; Padilla, L.; Garriga, F.; Sunneman, T.; Yeste, M.; Rodríguez-Gil, J.E."Reproduction in Domestic Animals, 57 (Suppl. 5): 121".

- 23** **Title of the work:** Capacitation may induce mild deprotamination of pig sperm genome  
**Name of the conference:** 16th International Congress of the Spanish Society for Animal Reproduction (AERA)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** León, Spain  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** Asociación Española de Reproducción Animal  
Delgado-Bermúdez, A.; Yeste, M.; Recuero, S.; Bonet, S., Ribas-Maynou, J."Reproduction in Domestic Animals, 57 (Suppl. 5): 127".
- 24** **Title of the work:** The presence of paraoxonase type 1 in seminal plasma is related to the cryotolerance of horse sperm  
**Name of the conference:** 16th International Congress of the Spanish Society for Animal Reproduction (AERA)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** León, Spain  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** Asociación Española de Reproducción Animal  
Yáñez-Ortiz, I.; Catalán, J.; Gutiérrez-Reinoso, M.; Dordas-Perpinyà, M.; Tvarijonaviciute, A.; Barranco, I.; Yeste, M.; Miró, J."Reproduction in Domestic Animals, 57 (Suppl. 5): 128".
- 25** **Title of the work:** Inhibition of HSP70 during storage at 4°C modifies motility parameters in pig sperm  
**Name of the conference:** 16th International Congress of the Spanish Society for Animal Reproduction (AERA)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** León, Spain  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** Asociación Española de Reproducción Animal  
Padilla, L.; Recuero, S.; Garriga, F.; Sunneman, T.; Rodríguez-Gil, J.E.; Yeste, M.; Maside, C."Reproduction in Domestic Animals, 57 (Suppl. 5): 129".
- 26** **Title of the work:** Impact of Trolox equivalent antioxidant capacity (TEAC) in horse seminal plasma on sperm freezability  
**Name of the conference:** 16th International Congress of the Spanish Society for Animal Reproduction (AERA)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** León, Spain  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** Asociación Española de Reproducción Animal  
Gutiérrez-Reinoso, M.; Yáñez-Ortiz, I.; Catalán, J.; Dordas-Perpinyà, M.; Tvarijonaviciute, A.; Barranco, I.; Yeste, M.; Miró, J."Reproduction in Domestic Animals, 57 (Suppl. 5): 130".

- 27** **Title of the work:** Early activation of TRPC6 channels reduces motility during pig sperm capacitation  
**Name of the conference:** 16th International Congress of the Spanish Society for Animal Reproduction (AERA)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** León, Spain  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** Asociación Española de Reproducción Animal  
Salas-Huetos, A.; Llavanera, M.; Mateo-Otero, Y.; Pinart, E.; Bonet, S.; Yeste, M."Reproduction in Domestic Animals, 57 (Suppl. 5): 130".
- 28** **Title of the work:** In vitro effect of manganese and magnesium ions on pig sperm DNA integrity evidence a detrimental impact on sperm function  
**Name of the conference:** 16th International Congress of the Spanish Society for Animal Reproduction (AERA)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** León, Spain  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** Asociación Española de Reproducción Animal  
Viñolas-Vergés, E.; Mateo-Otero, Y.; Llavanera, M.; Delgado-Bermúdez, A.; Yeste, M.; Ribas-Maynou, J."Reproduction in Domestic Animals, 57 (Suppl. 5): 131".
- 29** **Title of the work:** Determination of absolute telomere length in horse, donkey and cattle sperm through qFISH  
**Name of the conference:** 16th International Congress of the Spanish Society for Animal Reproduction (AERA)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** León, Spain  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** Asociación Española de Reproducción Animal  
Ribas-Maynou, J.; Maside, C.; Boixadé-Rifà, M.; Hidalgo, C.O.; Miró, J.; Yeste, M."Reproduction in Domestic Animals, 57 (Suppl. 5): 133".
- 30** **Title of the work:** Relevance of the oxidative stress index (OSI) in seminal plasma for the cryotolerance of horse sperm  
**Name of the conference:** 16th International Congress of the Spanish Society for Animal Reproduction (AERA)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** León, Spain  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** Asociación Española de Reproducción Animal  
Catalán, J.; Yáñez-Ortiz, I.; Dordas-Perpinyà, M.; Gutiérrez-Reinoso, M.; Tvarijonaviciute, A.; Barranco, I.; Yeste, M.; Miró, J."Reproduction in Domestic Animals, 57 (Suppl. 5): 134".



- 31 Title of the work:** Inhibition of cytochrome C release from mitochondria alters sperm motility and function in the pig  
**Name of the conference:** 16th International Congress of the Spanish Society for Animal Reproduction (AERA)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** León, Spain  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** Asociación Española de Reproducción Animal  
Maside, C.; Recuero, S.; Padilla, L.; Garriga, F.; Sünnemann, T.; Rodríguez-Gil, J.E.; Yeste, M.; Bonet, S."Reproduction in Domestic Animals, 57 (Suppl. 5): 139".
- 32 Title of the work:** Seminal small extracellular vesicles modulate the expression of steroidogenesis-associated genes in pig cumulus cells  
**Name of the conference:** 16th International Congress of the Spanish Society for Animal Reproduction (AERA)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** León, Spain  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** Asociación Española de Reproducción Animal  
Mateo-Otero, Y.; Barranco, I.; Llavanera, M.; Bucci, D.; Yeste, M.; Roca, J.; Galeati, G.; Spinaci, M."Reproduction in Domestic Animals, 57 (Suppl. 5): 144".
- 33 Title of the work:** La résilience de la structure de la chromatine des spermatozoïdes est liée aux taux de fécondation et le taux de blastocystes dans des cycles ICSI de double don  
**Name of the conference:** 27èmes Journées de la Fédération Française d'Étude de la Reproduction (FFER)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Paris, France  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** Fédération Française d'Étude de la Reproduction (FFER) **Type of entity:** \*\*Associacions Sectorials  
Garcia-Faura, A.; Ribas-Maynou, J.; Salas-Huetos, A.; Novo, S.; Mateo-Otero, Y.; Rovira, S.; Antich, M.; Yeste, M.
- 34 Title of the work:** Inhibition of HSP70 during prolonged liquid storage at 17 °C increases mitochondrial membrane potential and calcium levels  
**Name of the conference:** 13th Biennial Meeting of the Association for Applied Animal Andrology (AAAA 2022)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Bologna, Italy  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** Association for Applied Animal Andrology (AAAA) **Type of entity:** \*\*Sense Classificar  
Maside, C.; Recuero, S.; Salas-Huetos, A.; Bonet, S.; Rodríguez-Gil, J.E.; Yeste, M."Animal Reproduction Science, 247: 107114".



- 35** **Title of the work:** Sperm Aldose Reductase B1 is not a predictor of bull in vivo fertility outcomes  
**Name of the conference:** 13th Biennial Meeting of the Association for Applied Animal Andrology (AAAA 2022)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Bologna, Italy  
**Date of event:** 2022  
**End date:** 2022  
**Organising entity:** Association for Applied Animal Andrology (AAAA) **Type of entity:** \*\*Sense Classificar  
Mateo-Otero, Y.; Ribas-Maynou, J.; Viñolas-Vergés, E.; Tamargo, C.; Delgado-Bermúdez, A.; Llavanera, M.; Recuero, S.; Barranco, I.; Yeste, M."Animal Reproduction Science, 247: 107134".
- 36** **Title of the work:** Sperm DNA from species that contain protamine 2 present higher susceptibility to decondensation  
**Name of the conference:** 21st European Testis Workshop (ETW)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Spain  
**Date of event:** 2021  
**End date:** 2021  
**Organising entity:** European Testis Workshop **Type of entity:** \*\*Educació  
Ribas-Maynou, J.; Barranco, I.; Mateo-Otero, Y.; Miró, J.; Bonet, S.; Yeste, M."Miniposters book, 78".
- 37** **Title of the work:** Red-light irradiation increases mitochondrial activity of stallion spermatozoa in diluted fresh semen  
**Name of the conference:** 21st European Testis Workshop (ETW)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Spain  
**Date of event:** 2021  
**End date:** 2021  
**Organising entity:** European Testis Workshop **Type of entity:** \*\*Educació  
Catalán, J.; Yáñez-Ortiz, I.; Gacem, S.; Mateo-Otero, Y.; Rodríguez-Gil, J.E.; Yeste, M.\*; Miró, J.\* (\* Joint senior authors)."Miniposters book, 81".
- 38** **Title of the work:** Voltage-Gated Hydrogen Channel 1 is essential for sperm motility during in vitro capacitation of boar spermatozoa  
**Name of the conference:** 21st European Testis Workshop (ETW)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Spain  
**Date of event:** 2021  
**End date:** 2021  
**Organising entity:** European Testis Workshop **Type of entity:** \*\*Educació  
Llavanera, M.; Delgado-Bermúdez, A.; Mateo-Otero, Y.; Recuero, S.; Bonet, S.; Fernández-Fuertes, B.; Barranco, I.; Yeste, M.; Pinart, E."Miniposters book, 128".
- 39** **Title of the work:** AKR1B1 levels in seminal plasma of boar ejaculate-fractions and its expression along the reproductive tract  
**Name of the conference:** 21st European Testis Workshop (ETW)



**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Barcelona, Spain

**Date of event:** 2021

**End date:** 2021

**Organising entity:** European Testis Workshop

**Type of entity:** \*\*Educació

Mateo-Otero, Y.; Viñolas-Vergés, E.; Llavanera, M.; Ribas-Maynou, J.; Barranco, I.; Yeste, M."Miniposters book, 130".

**40 Title of the work:** Bovine serum albumin is essential for in vitro capacitation of boar sperm

**Name of the conference:** 21st European Testis Workshop (ETW)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Barcelona, Spain

**Date of event:** 2021

**End date:** 2021

**Organising entity:** European Testis Workshop

**Type of entity:** \*\*Educació

Recuero, S.; Chaves, B.R.; Pavaneli, A.P.P.; Blanco-Prieto, O.; Pinart, E.; Bonet, S.; Zangerónimo, M.G.; Rodríguez-Gil, J.E.; Fernández-Fuertes, B.; Yeste, M."Miniposters book, 133".

**41 Title of the work:** Potassium channels play a key role on mammalian sperm capacitation

**Name of the conference:** 21st European Testis Workshop (ETW)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Barcelona, Spain

**Date of event:** 2021

**End date:** 2021

**Organising entity:** European Testis Workshop

**Type of entity:** \*\*Educació

Delgado-Bemúdez, A.; Noto, F.; Llavanera, M.; Mateo-Otero, M.; Recuero, S.; Pinart, S.; Bonet, S.; Fernández-Fuertes, B.; Barranco, I.; Yeste, M."Miniposters book, 134".

**42 Title of the work:** Antimüllerian hormone in pig seminal plasma and its relationship with sperm quantity and quality parameters

**Name of the conference:** 21st European Testis Workshop (ETW)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Barcelona, Spain

**Date of event:** 2021

**End date:** 2021

**Organising entity:** European Testis Workshop

**Type of entity:** \*\*Educació

García-Bonavila, E.; Delgado-Bermúdez, A.; Llavanera, M.; Mateo-Otero, Y.; Recuero, S.; Bonet, S.; Fernández-Fuertes, B.; Yeste, M.; Barranco, I."Miniposters book, 135".

**43 Title of the work:** Differential resilience of sperm from different mammals to DNA decondensation

**Name of the conference:** 37th Virtual Annual Meeting of the European Society of Human Reproduction and Embryology (ESHRE)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - poster

**City of event:** Grimbergen, Belgium

**Date of event:** 2021

**End date:** 2021

**Organising entity:** European Society of Human Reproduction and Embryology (ESHRE)  
**Type of entity:** \*\*Associacions Sectorials  
Ribas-Maynou, J.; Garcia-Bonavila, E.; Llavanera, M.; Miró, J.; Bonet, S.; Yeste, M."Human Reproduction, 36(Suppl 1): 160-161".

- 44** **Title of the work:** Elucidating the physiological role of SLO1 and HVCN1 channels in mammalian sperm cryopreservation  
**Name of the conference:** 58th Annual Meeting of the Society of Cryobiology (CRYO2021)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Chicago, United States of America  
**Date of event:** 2021  
**End date:** 2021  
**Organising entity:** Society for Cryobiology **Type of entity:** \*\*Sense Classificar  
Delgado-Bermúdez, A.; Mateo-Otero, Y.; Llavanera, M.; Bonet, S.; Yeste, M.; Pinart, E."Book of Abstracts, 56".
- 45** **Title of the work:** Fabrication of electrospun three-dimensional scaffolds for triple negative breast cancer stem cells expansion and characterization  
**Name of the conference:** The V Conference of Pre-doctoral Researchers of the UdG  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Spain  
**Date of event:** 2021  
**End date:** 2021  
Marc Rabionet; Sabina Couto-Ovejero; Emma Polonio-Alcalá; Joana Relat; Marc Yeste; Marta Planas; Lidia Feliu; Sònia Palomeras; Santiago Ruiz-Martínez; Joaquim Ciurana\*; Teresa Puig\*.
- 46** **Title of the work:** Direct (alkaline and neutral comet and TUNEL) but not indirect methods (SCD and SCSA) relate the percentages of sperm with fragmented DNA to chromatin damage in cryopreserved boar sperm  
**Name of the conference:** 58th Annual Meeting of the Society of Cryobiology (CRYO2021)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Chicago, United States of America  
**Date of event:** 2021  
**End date:** 2021  
**Organising entity:** Society for Cryobiology **Type of entity:** \*\*Sense Classificar  
Ribas-Maynou, J.; Llavanera, M.; Mateo-Otero, Y.; Garcia-Bonavila, E.; Delgado-Bermúdez, A.; Yeste, M."Book of Abstracts, 90-91".
- 47** **Title of the work:** NMR spectroscopy reveals seminal plasma metabolites as sperm quality/functionality biomarkers in pig  
**Name of the conference:** 72ND ANNUAL MEETING OF THE EUROPEAN FEDERATION OF ANIMAL SCIENCE (EAAP 2021)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Davos, Switzerland  
**Date of event:** 2021  
**End date:** 2021  
Mateo-Otero, Y.; Fernández-López, P; Ribas-Maynou, J; Roca, J; Miró, J; Yeste, M; Barranco, I.

- 48** **Title of the work:** Increase of DNA fragmentation evaluated through the alkaline Comet is concomitant with a decrease in the quality of frozen-thawed bovine sperm  
**Name of the conference:** 58th Annual Meeting of the Society of Cryobiology (CRYO2021)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Chicago, United States of America  
**Date of event:** 2021  
**End date:** 2021  
**Organising entity:** Society for Cryobiology **Type of entity:** \*\*Sense Classificar  
Delgado-Bermúdez, A.; Llavanera, M.; Mateo-Otero, Y.; Recuero, S.; Ribas-Maynou, J.; Yeste, M."Book of Abstracts, 129".
- 49** **Title of the work:** Negative impact of single and double stranded sperm DNA damage in in vitro fertilization in pig  
**Name of the conference:** 72ND ANNUAL MEETING OF THE EUROPEAN FEDERATION OF ANIMAL SCIENCE  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Davos, Switzerland  
**Date of event:** 2021  
**End date:** 2021  
Ribas-Maynou, J; Mateo-Otero, Y; Delgado-Bermudez, A; Recuero, S; Llavanera, M; Yeste, M.
- 50** **Title of the work:** Metabolite profiling of seminal plasma uncovers in vivo fertility biomarkers in pig  
**Name of the conference:** The Vth Conference of Predoctoral Researchers  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Girona, Spain  
**Date of event:** 2021  
**End date:** 2021  
Mateo-Otero, Y; Fernández-López, P; Ribas-Maynou, J; Roca, J; Miró, J; Barranco, I; Yeste, M.
- 51** **Title of the work:** Glutathione S-transferase Mu 3 (GSTM3) is a biomarker of in vitro fertilization in pigs  
**Name of the conference:** Vth Conference of Predoctoral Researchers  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Girona, Spain  
**Date of event:** 2021  
**End date:** 2021  
Llavanera, Marc; Mateo-Otero, Yentel; Ribas, Jordi; Delgado-Bermúdez, Ariadna; Recuero, Sandra; Garcia-Bonavila, Estela; Bonet, Sergi; Yeste, Marc.
- 52** **Title of the work:** Characterization of Aldose Reductase B1 in pig seminal plasma and reproductive tissues  
**Name of the conference:** The Vth Conference of Predoctoral Researchers  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Girona, Spain  
**Date of event:** 2021  
**End date:** 2021  
Viñolas-Vergés, E; Barranco, I; Llavanera, M; Ribas-Maynou, J; Yeste, M; Mateo-Otero, Y.



- 53** **Title of the work:** Sperm motility and plasma membrane stability rely on aquaporins function in boar sperm capacitation  
**Name of the conference:** 72ND ANNUAL MEETING OF THE EUROPEAN FEDERATION OF ANIMAL SCIENCE  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Davos, Switzerland  
**Date of event:** 2021  
**End date:** 2021  
Delgado-Bermudez, A; Recuero, S; Sandu, A; Barranco, I; Ribas-Maynou, J; Yeste, M.
- 54** **Title of the work:** Exploring the functional role of aquaporins in mammalian sperm capacitation  
**Name of the conference:** The Vth Conference of Predoctoral Researchers  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Girona, Spain  
**Date of event:** 2021  
**End date:** 2021  
**Organising entity:** Escola de Doctorat de la Universitat de Girona (UdG) **Type of entity:** \*\*Universitat  
Delgado-Bermúdez, A.; Recuero, A.; Llanvera, M.; Barranco, I.; Ribas-Maynou, J.; Yeste, M.
- 55** **Title of the work:** Relationship between the Aldose Reductase B1 present in pig seminal plasma and sperm physiology  
**Name of the conference:** 23th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Thessaloniki (Online Edition), Greece  
**Date of event:** 2021  
**End date:** 2021  
**Organising entity:** European Society for Domestic Animal Reproduction (ESDAR) **Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca  
Mateo-Otero, Y.; Viñolas-Vergés, E.; Llanvera, M.; Ribas-Maynou, J.; Miró, J.; Roca, J.; Yeste, M.; Barranco, I.
- 56** **Title of the work:** Sperm chromatin condensation assessed by flow cytometry is a biomarker of male in vivo fertility in bulls  
**Name of the conference:** 23th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Thessaloniki (Online Edition), Greece  
**Date of event:** 2021  
**End date:** 2021  
**Organising entity:** European Society for Domestic Animal Reproduction (ESDAR) **Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca  
Llanvera, M.; Delgado-Bermúdez, A.; Mateo-Otero, Y.; Recuero, S.; Miró, J.; Hidalgo, C.O.; Bonet, S.; Yeste, M.; Ribas-Maynou, J.

- 57** **Title of the work:** IL-3, a possible serum biomarker of malignancy in canine mammary tumours  
**Name of the conference:** 23th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Thessaloniki (Online Edition), Greece  
**Date of event:** 2021  
**End date:** 2021  
**Organising entity:** European Society for Domestic Animal Reproduction (ESDAR) **Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca  
Yeste, M.; García-Bonavila, E.; Rodríguez-Gil, J.E.; Rigau, T.; Rivera del Alamo, M.M.
- 58** **Title of the work:** Molecular markers related to sperm quality, function and fertilizing ability  
**Name of the conference:** VIII International Symposium on Animal Biology of Reproduction (ISABR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Sao Paulo (Online Edition), Brazil  
**Date of event:** 2021  
**End date:** 2021  
**Organising entity:** Brazilian College of Animal Reproduction (CBRA) **Type of entity:** \*\*Universitat  
Yeste, M.
- 59** **Title of the work:** Protein kinase C-modulated pathways are one of the mechanisms involved in red LED light effects on motility and O<sub>2</sub> consumption rate in boar sperm  
**Name of the conference:** 23th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Thessaloniki (Online Edition), Greece  
**Date of event:** 2021  
**End date:** 2021  
**Organising entity:** European Society for Domestic Animal Reproduction (ESDAR) **Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca  
Blanco-Prieto, B.; Trujillo-Rojas, L.; Fernández-Novell, J.M.; Rigau, T.; Yeste, M.; Rivera del Álamo, M.M.; Rodríguez-Gil, J.E."Reproduction in Domestic Animals, <http://dx.doi.org/10.1111/rda.14052>: pp. 9".
- 60** **Title of the work:** Sperm DNA damage in pigs is correlated to in vitro embryo development: Preliminary evidence  
**Name of the conference:** 23th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Thessaloniki (Online Edition), Greece  
**Date of event:** 2021  
**End date:** 2021  
**Organising entity:** European Society for Domestic Animal Reproduction (ESDAR) **Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca  
Ribas- Maynou, J.; Mateo-Otero, Y.; Delgado-Bermúdez, A.; Recuero, S.; Llavanera, M.; Miró, J.; Yeste, M."Reproduction in Domestic Animals, <http://dx.doi.org/10.1111/rda.14052>: pp. 21".

- 61** **Title of the work:** Red-light irradiation modifies the kinetic parameters of stallion fresh semen  
**Name of the conference:** 23th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Thessaloniki (Online Edition), Greece  
**Date of event:** 2021  
**End date:** 2021  
**Organising entity:** European Society for Domestic Animal Reproduction (ESDAR) **Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca  
Catalán, J.; Gacem, S.; Papas, M.; Rodríguez-Gil, J.E.; Miró, J.; Yeste, M."Reproduction in Domestic Animals, <http://dx.doi.org/10.1111/rda.14052>: pp. 63".
- 62** **Title of the work:** Effects of adding cryopreservation medium with reduced glutathione (GSH) on donkey sperm motility  
**Name of the conference:** 23th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Thessaloniki (Online Edition), Greece  
**Date of event:** 2021  
**End date:** 2021  
**Organising entity:** European Society for Domestic Animal Reproduction (ESDAR) **Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca  
Yáñez- Ortiz, I.; Catalán, J.; Mateo-Otero, Y.; Dordas- Perpinyà, M.; Yeste, M.; Miró, J."Reproduction in Domestic Animals, <http://dx.doi.org/10.1111/rda.14052>: pp. 77".
- 63** **Title of the work:** Potential of protein deglycase (DJ-1) as a sperm cryotolerance biomarker in pigs  
**Name of the conference:** 23th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Thessaloniki (Online Edition), Greece  
**Date of event:** 2021  
**End date:** 2021  
**Organising entity:** European Society for Domestic Animal Reproduction (ESDAR) **Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca  
García-Bonavilla, E.; Barranco, I.; Delgado-Bermúdez, A.; Mateo-Otero, Y.; Recuero, S.; Llanvera, M.; Ribas-Maynou, J.; Yeste, M."Reproduction in Domestic Animals, <http://dx.doi.org/10.1111/rda.14052>: pp. 84".
- 64** **Title of the work:** Marcadores moleculares de calidad, función y poder fecundante en el semen  
**Name of the conference:** XLIII Reunión Científica Annual de la Asociación Peruana de Producción Animal  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Tacna, Peru  
**Date of event:** 2021  
**End date:** 2021  
**Organising entity:** Asociación Peruana de Producción Animal (APPA) **Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca  
Yeste, M.



- 65** **Title of the work:** Sperm, but not seminal plasma, elicit changes in the bovine endometrial transcriptome after natural mating  
**Name of the conference:** 46th Annual Conference of the International Embryo Technology Society (IETS)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** New York, United States of America  
**Date of event:** 2020  
**End date:** 2020  
**Organising entity:** International Embryo Transfer Society (IETS) **Type of entity:** \*\*Sense Classificar  
Recuero, S.; Sánchez, J.M.; Mateo-Otero, Y.; Bagés-Arnal, S.; McDonald, M.; Behura, S.K.; Spencer, T.M.; Yeste, M.; Lonergan, P.; Fernandez-Fuertes, B."Reproduction, Fertility and Development, 32 (2): 126-126".
- 66** **Title of the work:** In vitro maturation with glutathione ethyl ester improves embryo development potential of vitrified bovine oocytes  
**Name of the conference:** 36th Annual Meeting of the Association of Embryo Transfer in Europe (AETE)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Dublin, Ireland  
**Date of event:** 2020  
**End date:** 2020  
**Organising entity:** Association of Embryo Technology in Europe (AETE) **Type of entity:** \*\*Universitat  
García-Martínez, T.; Vendrell-Flotats, M.; Martínez-Rodero, I.; Ordóñez-León, E.A.; Álvarez-Rodríguez, M.; Yeste, M.; López-Béjar, M.; Mogas, T."Animal Reproduction, 17(3): 5".
- 67** **Title of the work:** Effect of equilibration time on gene expression of vitrified/warmed in vitro produced bovine embryos using the VitTrans device  
**Name of the conference:** 36th Annual Meeting of the Association of Embryo Transfer in Europe (AETE)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Dublin, Ireland  
**Date of event:** 2020  
**End date:** 2020  
**Organising entity:** Association of Embryo Technology in Europe (AETE) **Type of entity:** \*\*Universitat  
Martínez-Rodero, I.; Ordóñez-León, E.A.; García-Martínez, T.; Yeste, M.; Azcarate, S.; Mendibil, X.; Esmoris, J.I.; López-Béjar, M.; Mogas, T."Animal Reproduction, 17(3): 6".
- 68** **Title of the work:** Els nivells d'activitat de l'adenosina deaminasa (ADA) del plasma seminal no estan relacionats amb la capacitat fecundant de l'esperma porcina  
**Name of the conference:** I Jornades de Biologia de Girona  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**City of event:** Girona, Spain  
**Date of event:** 2020  
**End date:** 2020  
**Organising entity:** Societat Catalana de Biologia  
Garcia-Bonavila, E.; Padilla, L.; Tvarijonaviciute, A.; Llavanera, M.; Mateo-Otero, Y.; Delgado-Bermúdez, A.; Recuero, S.; Yeste, M.; Fernández-Fuertes, B.; Barranco, I."Libre de resums, 1: 29".



- 69** **Title of the work:** La concentració d'hormona antimulleriana al plasma seminal varia entre les diferents fraccions de les ejaculacions porcines  
**Name of the conference:** I Jornades de Biologia de Girona  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**City of event:** Girona, Spain  
**Date of event:** 2020  
**End date:** 2020  
**Organising entity:** Societat Catalana de Biologia  
Delgado-Bermúdez, A.; Llavanera, M.; Padilla, L.; Recuero, S.; Tvarijonaviciute, A.; Mateo-Otero, Y.; Bonet, S.; Fernández-Fuertes, B.; Yeste, M.; Barranco, I."Libre de resums, I: 28".
- 70** **Title of the work:** Els canals de potassi SLO1 tenen un paper essencial durant la capacitació in vitro d'espermatozoides de porcí  
**Name of the conference:** I Jornades de Biologia de Girona  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Girona, Spain  
**Date of event:** 2020  
**End date:** 2020  
**Organising entity:** Societat Catalana de Biologia  
Llavanera, M.; Yeste, M.; Puig-Parri, J.; Bonet, S.; Pinart, E."Libre de resums, I: 30".
- 71** **Title of the work:** Efectes de la fotoestimulació amb llum vermella sobre la criotolerància dels espermatozoides porcins  
**Name of the conference:** I Jornades de Biologia de Girona  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**City of event:** Girona, Spain  
**Date of event:** 2020  
**End date:** 2020  
**Organising entity:** Societat Catalana de Biologia  
Mateo-Otero, Y.; Fernández-Fuertes, B.; Recuero, S.; Delgado-Bermúdez, A.; Llavanera, M.; Rodríguez-Gil, J.E.; Bonet, S.; Barranco, I.; Yeste, M."Libre de resums, I: 31".
- 72** **Title of the work:** Efecte de la còpula amb toros intactes o vasectomitzats en l'expressió gènica del tracte reproductor femení  
**Name of the conference:** I Jornades de Biologia de Girona  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Girona, Spain  
**Date of event:** 2020  
**End date:** 2020  
**Organising entity:** Societat Catalana de Biologia  
Recuero, S.; Sánchez, J.M.; Mateo-Otero, Y.; Bages-Arnal, S.; McDonald, M.; Behura, S.K.; Spencer, T.E.; Yeste, M.; Lonergan, P.; Fernández-Fuertes, B."Libre de resums, I: 32".
- 73** **Title of the work:** Cationic channels have a key role in mammalian sperm cryotolerance  
**Name of the conference:** 57th Annual Meeting of the Society of Cryobiology (CRYO2020)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Chicago, United States of America

**Date of event:** 2020

**End date:** 2020

**Organising entity:** Society for Cryobiology

**Type of entity:** \*\*Sense Classificar

Delgado-Bermúdez, A.; Llavanera, M.; Batlle, J.; Bonet, S.; Yeste, M.; Pinart, E."Cryobiology, 97: 290".

**74 Title of the work:** Relative GSTM3-abundance in fresh boar sperm is related to their cryotolerance

**Name of the conference:** IXth International Conference on Boar Semen Preservation

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Hunter Valley, New South Wales, Australia

**Date of event:** 2019

**End date:** 2019

**Organising entity:** International Conference on Boar Semen Preservation (ICBSP)

**Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca

Llavanera, M.; Delgado-Bermúdez, A.; Bonet, S.; Mateo, Y.; Fernandez-Fuertes, B.; Recuero, S.; Barranco, I.; Yeste, M."Theriogenology, 137: 217. <http://dx.doi.org/10.1016/j.theriogenology.2019.05.050>".

**75 Title of the work:** Seminal plasma superoxide dismutase is related with quality and sperm functionality of liquid stored pig semen doses

**Name of the conference:** IXth International Conference on Boar Semen Preservation

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Hunter Valley, New South Wales, Australia

**Date of event:** 2019

**End date:** 2019

**Organising entity:** International Conference on Boar Semen Preservation (ICBSP)

**Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca

Barranco, I.; Padilla, L.; Tvarijonavičiute, A.; Parrilla, I.; Martínez, E.A.; Yeste, M.; Roca, J."Theriogenology, 137: 131. <http://dx.doi.org/10.1016/j.theriogenology.2019.05.060>".

**76 Title of the work:** Effects of LED-based red light stimulation upon frozen-thawed stallion sperm

**Name of the conference:** First Symposium of the European College of Animal Reproduction (ECAR)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Wien, Austria

**Date of event:** 2019

**End date:** 2019

**Organising entity:** European College of Animal Reproduction (ECAR)

**Type of entity:** \*\*Universitat

Catalan, J.; Bonilla, S.; Papas, M.; Gacem, S.; Rodríguez-Gil, J.E.; Yeste, M.\*; Miró, J.\* (\*Joint senior authors)."Proceedings of the First ECAR Symposium, 39".

**77 Title of the work:** Season variations in antioxidant enzyme activity in stallion and donkey seminal plasma.

**Name of the conference:** First Symposium of the European College of Animal Reproduction (ECAR)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - poster

**City of event:** Wien, Austria

**Date of event:** 2019

**End date:** 2019

**Organising entity:** European College of Animal Reproduction (ECAR)

**Type of entity:** \*\*Universitat



Papas, M.; Arroyo, L.; Bassols, A.; Catalan, J.; Bonilla, S.; Gacem, S.; Yeste, M.\*; Miró, J.\* (\*Joint senior authors). "Proceedings of the First ECAR Symposium, 91".

- 78** **Title of the work:** Presence, function and relevance of aquaporins in the reproductive tract, gametes and embryos  
**Name of the conference:** VIII International Congress of Histology and Tissue Engineering  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Murcia, Spain  
**Date of event:** 2019  
**End date:** 2019  
**Organising entity:** Sociedad Española de Histología **Type of entity:** \*\*Universitat e Ingeniería Tisular (SEHIT)  
Yeste, M. "Histology and Histopathology, 34 (Suppl. 1): S17".
- 79** **Title of the work:** Effect of LIF, IL-6 and IL-11 on microRNA expression of bovine cumulus cells and oocytes matured in vitro  
**Name of the conference:** 35th Scientific Meeting of the Association of Embryo Technology in Europe (AETE)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Murcia, Spain  
**Date of event:** 2019  
**End date:** 2019  
**Organising entity:** Association of Embryo Technology in Europe (AETE) **Type of entity:** \*\*Universitat  
Vendrell-Flotats, M.; Stalker, L.; Lopez-Bejar, M.; Yeste, M.; Mogas, T.; LaMarre, J. "Animal Reproduction, 16 (3): 704".
- 80** **Title of the work:** SLO1 channels are essential for acrosome reaction during in vitro capacitation of boar spermatozoa  
**Name of the conference:** 35th Scientific Meeting of the Association of Embryo Technology in Europe (AETE)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Murcia, Spain  
**Date of event:** 2019  
**End date:** 2019  
**Organising entity:** Association of Embryo Technology in Europe (AETE) **Type of entity:** \*\*Universitat  
Mateo, Y.; Delgado-Bermúdez, A.; Recuero, S.; Llavanera, M.; Fernandez-Fuertes, B.; Barranco, I.; Bonet, S.; Yeste, M.; Pinart, E. "Animal Reproduction, 16 (3): 717".
- 81** **Title of the work:** Comparing the ability of epididymal or ejaculated sperm to elicit endometrial transcriptomic changes in cattle  
**Name of the conference:** 35th Scientific Meeting of the Association of Embryo Technology in Europe (AETE)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Murcia, Spain  
**Date of event:** 2019  
**End date:** 2019



**Organising entity:** Association of Embryo Technology in Europe (AETE)

**Type of entity:** \*\*Universitat

Recuero, S.; Sánchez, J.M.; Mateo, Y.; Bagés-Arnal, S.; McDonald, M.; Delgado-Bermúdez, A.; Llavanera, M.; Barranco, I.; Behura, S.K.; Spencer, T.M.; Yeste, M.; Lonergan, P.; Fernandez-Fuertes, B."Animal Reproduction, 16 (3): 751".

**82 Title of the work:** Effect of seminal plasma on uterine capacity to support conceptus elongation in cattle

**Name of the conference:** 52nd Annual Conference of the Society for the Study of Reproduction

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** San Jose, California, Spain

**Date of event:** 2019

**End date:** 2019

**Organising entity:** Society for the Study of Reproduction (SSR)

**Type of entity:** \*\*Universitat

Recuero, S.; Sanchez, J.M.; Bages-Arnal, S.; Mcdonald, M.; Kelly, A.M.; Yeste, M.

**83 Title of the work:** Red-light photostimulation increases the rhythm of O2 consumption in refrigerated boar sperm

**Name of the conference:** 23th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Saint Petersburg, Russia

**Date of event:** 2019

**End date:** 2019

**Organising entity:** European Society for Domestic Animal Reproduction (ESDAR)

**Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca

Rodríguez-Gil, J.; Blanco Prieto, O.; Catalán, J.; Yeste, M.; Rivera del Álamo, M."Reproduction in Domestic Animals, 54 (Suppl. 3): 75".

**84 Title of the work:** Canine sperm cells express aquaporin-8, but not aquaporin-2

**Name of the conference:** 23th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Saint Petersburg, Russia

**Date of event:** 2019

**End date:** 2019

**Organising entity:** European Society for Domestic Animal Reproduction (ESDAR)

**Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca

Santiago, C.; Yeste, M.; Rigau, T.; Rodríguez-Gil, J.; Rivera del Álamo, M."Reproduction in Domestic Animals, 54 (Suppl. 3): 54".

**85 Title of the work:** Aquaglyceroporins rather than orthodox aquaporins are involved in boar sperm cryotolerance

**Name of the conference:** 23th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Saint Petersburg, Russia

**Date of event:** 2019



**End date:** 2019

**Organising entity:** European Society for Domestic Animal Reproduction (ESDAR)

**Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca

Delgado-Bermúdez, A.; Llavanera, M.; Barranco, I.; Fernández-Bastit, L.; Recuero, S.; Mateo, Y.; Rivera Del Álamo, M.; Bonet, S.; Fernández-Fuertes, B.; Yeste, M."Reproduction in Domestic Animals, 54 (Suppl. 3): 79".

**86 Title of the work:** Effects of single layer centrifugation through Equicoll(TM) on motile sperm subpopulations of donkey fresh semen

**Name of the conference:** 23th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Saint Petersburg, Russia

**Date of event:** 2019

**End date:** 2019

**Organising entity:** European Society for Domestic Animal Reproduction (ESDAR)

**Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca

Papas, M.; Catalan, J.; Bonilla, S.; Gacem, S.; Morell, J.; Yeste, M.; Miró, J."Reproduction in Domestic Animals, 54 (Suppl. 3): 110".

**87 Title of the work:** Effects of stimulation with red-light upon motility parameters of liquid-stored donkey spermatozoa

**Name of the conference:** 23th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Saint Petersburg, Russia

**Date of event:** 2019

**End date:** 2019

**Organising entity:** European Society for Domestic Animal Reproduction (ESDAR)

**Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca

Catalán, J.; Bonilla-Correal, S.; Papas, M.; Gacem, S.; Rodríguez-Gil, J.; Miró, J.; Yeste, M."Reproduction in Domestic Animals, 54 (Suppl. 3): 124".

**88 Title of the work:** Sperm glutathione S-transferases (GSTs) are essential for maintaining mitochondrial function and motility during liquid-preservation of boar semen

**Name of the conference:** 20th Annual Meeting of the British Andrology Society

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** London, United Kingdom

**Date of event:** 2019

**End date:** 2019

**Organising entity:** British Andrology Society

**Type of entity:** \*\*Universitat

Olives, S.; Llavanera, M.; Delgado-Bermúdez, A.; Fernandez-Fuertes, B.; Recuero, S.; Mateo, Y.; Garcia-Bonavila, E.; Bonet, S.; Barranco, I.; Yeste, M.

**89 Title of the work:** Inhibition of JNK-C-jun pathway by GSTP1 is essential to maintain the function of liquid-preserved boar spermatozoa

**Name of the conference:** 20th Annual Meeting of the British Andrology Society

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** London, United Kingdom

**Date of event:** 2019

**End date:** 2019

**Organising entity:** British Andrology Society

**Type of entity:** \*\*Universitat

Llavanera, M.; Olives, S.; Delgado-Bermúdez, A.; Fernandez-Fuertes, B.; Recuero, S.; Mateo, Y.; Garcia-Bonavila, E.; Bonet, S.; Barranco, I.; Yeste, M.

**90 Title of the work:** Effects of red light-stimulation on the cryotolerance of frozen-thawed boar spermatozoa

**Name of the conference:** 15th International Congress of the Spanish Society for Animal Reproduction

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Toledo, Spain

**Date of event:** 2019

**End date:** 2019

**Organising entity:** Asociación Española de Reproducción Animal

Mateo, Y.; Fernandez-Fuertes, B.; Recuero, S.; Delgado-Bermúdez, A.; Llavanera, M.; Rodríguez-Gil, J.E.; Sandu, A.; Bonet, S.; Barranco, I.; Yeste, M."Reproduction in Domestic Animals, 54 (Suppl. 4): 109-110".

**91 Title of the work:** Effects of blocking K<sup>+</sup> channels on Ca<sup>2+</sup> conductance during in vitro capacitation of Sus domesticus spermatozoa

**Name of the conference:** 15th International Congress of the Spanish Society for Animal Reproduction

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Toledo, Spain

**Date of event:** 2019

**End date:** 2019

**Organising entity:** Asociación Española de Reproducción Animal

Llavanera, M.; Puig-Parri, J.; Bonet, S.; Yeste, M.; Pinart, E."Reproduction in Domestic Animals, 54 (Suppl. 4): 111".

**92 Title of the work:** Effect of seminal plasma on kinetic parameters of donkey spermatozoa incubated with exogenous hydrogen peroxide

**Name of the conference:** 15th International Congress of the Spanish Society for Animal Reproduction

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Toledo, Spain

**Date of event:** 2019

**End date:** 2019

**Organising entity:** Asociación Española de Reproducción Animal

Papas, M.; Puigdollers, N.; Catalan, J.; Bonilla, S.; Gacem, S.; Miró, J.; Yeste, M."Reproduction in Domestic Animals, 54 (Suppl. 4): 113-114".

**93 Title of the work:** Effects of stimulation with red-light upon motility parameters of donkey spermatozoa in fresh semen

**Name of the conference:** 15th International Congress of the Spanish Society for Animal Reproduction

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Toledo, Spain

**Date of event:** 2019

**End date:** 2019

**Organising entity:** Asociación Española de Reproducción Animal



Catalán, J.; Papas, M.; Bonilla-Correal, S.; Gacem, S.; Delgado-Bermúdez, A.; Rodríguez-Gil, J.E.; Miró, J.; Yeste, M."Reproduction in Domestic Animals, 54 (Suppl. 4): 115".

- 94** **Title of the work:** Effect of red light-stimulation on the quality of frozen-thawed bull sperm  
**Name of the conference:** 15th International Congress of the Spanish Society for Animal Reproduction  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Toledo, Spain  
**Date of event:** 2019  
**End date:** 2019  
**Organising entity:** Asociación Española de Reproducción Animal  
Recuero, S.; Barranco, I.; Mateo, Y.; Delgado-Bermúdez, A.; Llanera, M.; Rodríguez-Gil, J.E.; Bonet, S.; Fernández-Fuertes, B.; Yeste, M."Reproduction in Domestic Animals, 54 (Suppl. 4): 118".
- 95** **Title of the work:** Concentration of Anti-Müllerian Hormone in seminal plasma differs between boar ejaculate portions: a preliminary study  
**Name of the conference:** 15th International Congress of the Spanish Society for Animal Reproduction  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Toledo, Spain  
**Date of event:** 2019  
**End date:** 2019  
**Organising entity:** Asociación Española de Reproducción Animal  
Delgado-Bermúdez, A.; Llanera, M.; Padilla, L.; Recuero, S.; Tvarijonaviciute, A.; Mateo, Y.; Bonet, S.; Fernández-Fuertes, B.; Yeste, M.; Barranco, I."Reproduction in Domestic Animals, 54 (Suppl. 4): 119".
- 96** **Title of the work:** Effect of Leukemia Inhibitory Factor on gene expression profiling of IVP bovine blastocysts derived from in vitro matured vitrified/warmed oocytes  
**Name of the conference:** 15th International Congress of the Spanish Society for Animal Reproduction  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Toledo, Spain  
**Date of event:** 2019  
**End date:** 2019  
**Organising entity:** Asociación Española de Reproducción Animal  
Vendrell-Flotats, M.; García-Martínez, T.; López-Béjar, M.; LaMarre, J.; Yeste, M.; Mogas, T."Reproduction in Domestic Animals, 54 (Suppl. 4): 126".
- 97** **Title of the work:** Evaluation of the effects of photostimulation on freeze-thaw bull sperm cells in terms of reproductive potential  
**Name of the conference:** 2nd International ATAVET Student Congress  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Erzurum, Turkey  
**Date of event:** 2019  
**End date:** 2019  
**Organising entity:** Ataturk University **Type of entity:** \*\*Universitat  
Ömür, A.D.; Rodríguez-Gil, J.E.; Yeste, M."Presentation Book, 131-132".
- 98** **Title of the work:** Exosomes for mammalian sperm cells: Assessing the impact of this novel delivery tool for future clinical applications  
**Name of the conference:** Fertility 2019: Technologies and Controversies in Reproduction

**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Birmingham, United Kingdom  
**Date of event:** 2019  
**End date:** 2019  
**Organising entity:** Society for Reproduction and Fertility (SRF) **Type of entity:** \*\*Universitat  
 Vilanova, T.; Yeste, M.; Jones, C.; Dragovic, R.; Coward, K."Abstract Book, 10".

**99 Title of the work:** Three-dimensional Cell Culture With Electrospun Scaffolds Induces Breast Cancer Stem Cells Expansion  
**Name of the conference:** Onco Emergence Forum Barcelona  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Barcelona, Spain  
**Date of event:** 2018  
**End date:** 2018  
 Marc Rabionet; Marc Yeste; Teresa Puig; Joaquim Ciurana.

**100 Title of the work:** Gene Expression Profiling of In Vitro-Produced Blastocysts Derived from In Vitro-Matured Bovine Oocytes Vitrified/Warmed in Media Supplemented with a Biopolymer Produced by an Antarctic Bacterium  
**Name of the conference:** 44th International Embryo Transfer Society (IETS) Annual Conference  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Bangkok, Thailand  
**Date of event:** 2018  
**End date:** 2018  
**Organising entity:** International Embryo Transfer Society (IETS) **Type of entity:** \*\*Sense Classificar  
 Arcarons, N.; Vendrell, M.; Yeste, M.; Mercadé, M.E.; López-Béjar, M.; Mogas, T."Reproduction, Fertility and Development, 30: 159".

**101 Title of the work:** Evaluation of sperm fertilising ability of porcine spermatozoa after voltage-dependent anion channel 2 (VDAC2)-blocking  
**Name of the conference:** 22nd Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Córdoba, Spain  
**Date of event:** 2018  
**End date:** 2018  
**Organising entity:** European Society for Domestic Animal Reproduction (ESDAR) **Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca  
 Castillo-Martín, M.; Torrente-Guijarro, M.; Bonet, S.; Yeste, M."Reproduction in Domestic Animals, 53 (Suppl. 3): 119".

**102 Title of the work:** Photo-stimulation impact on sperm preservation, function and fertilizing ability  
**Name of the conference:** 11th Biennial Conference, Association for Animal Applied Andrology (AAAA). Current Perspectives & Concepts in Andrology.  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk





**City of event:** New Orleans, United States of America

**Date of event:** 2018

**End date:** 2018

**Organising entity:** Association for Applied Animal Andrology (AAAA)      **Type of entity:** \*\*Sense Classificar

Yeste, M.; Castillo-Martín, M.; Bonet, S.; Rodríguez-Gil, J.E."Animal Reproduction Science, 194: 19-32".

**103 Title of the work:** Involvement of Aquaporins in mammalian sperm cryopreservation

**Name of the conference:** 55th Annual Meeting of the Society for Cryobiology

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Madrid, Spain

**Date of event:** 2018

**End date:** 2018

**Organising entity:** Society for Cryobiology

**Type of entity:** \*\*Sense Classificar

Yeste, M."Cryobiology, 85: 126".

**104 Title of the work:** Is sperm motility the most important parameter to assess sperm quality?

**Name of the conference:** 13th Magapor International Technical Meeting (ITM)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Zaragoza, Spain

**Date of event:** 2018

**End date:** 2018

**Organising entity:** MAGAPOR S.L.

**Type of entity:** \*\*Empreses

Yeste, M.

**105 Title of the work:** A Whole-Genome Association Scan Detects Several Genetic Regions Influencing Semen Quality Traits in the Boar's Sperm

**Name of the conference:** International Plant and Animal Genome XXVI Conference

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** San Diego, United States of America

**Date of event:** 2017

**End date:** 2017

Clop, A.; Gòdia, M.; Castelló, A.; González, R.; Yeste, M.; Rodríguez-Gil, J.E.; Sánchez, A."Abstract book, W912".

**106 Title of the work:** Relación de las acuaporinas 3, 7 y 11 con la criotolerancia en el espermatozoide equino

**Name of the conference:** XV Jornada de Biología de la Reproducción

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**City of event:** Barcelona, Spain

**Date of event:** 2017

**End date:** 2017

Bonilla-Correal, S.; Noto, F.; Garcia-Bonavila, E.; Rodríguez-Gil, J.E.; Yeste, M.; Miró, J."Biología de la Reproducción (2017), 15: 37-42".

**107 Title of the work:** Implicació del canal iònic dependent de voltatge (VDAC2) en la capacitació in vitro i la reacció acrosòmica induïda amb progesterona de l'espermatozoide porcí

**Name of the conference:** XV Jornada de Biología de la Reproducción

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**City of event:** Barcelona, Spain

**Date of event:** 2017

**End date:** 2017

Martínez-Abad, S.; Gadani, B.; Rodríguez-Gil, J.E.; Bonet, S.; Yeste, M. "Biología de la Reproducción (2017), 15: 43-48".

**108 Title of the work:** Efectes del pèptid antimicrobià protegrina 1 (PG1) sobre la viabilitat i la càrrega bacteriana de semen de porcí

**Name of the conference:** XV Jornada de Biología de la Reproducción

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**City of event:** Barcelona, Spain

**Date of event:** 2017

**End date:** 2017

Bussalleu, E.; Sancho, S.; Briz, M.D.; Yeste, M.; Bonet, S. "Biología de la Reproducción (2017), 15: 49-54".

**109 Title of the work:** Efecte de la fotoestimulació d'oòcits porcins en la maduració, la fecundació i el desenvolupament

**Name of the conference:** XV Jornada de Biología de la Reproducción

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**City of event:** Barcelona, Spain

**Date of event:** 2017

**End date:** 2017

Barceló, A.; Yeste, M.; Bonet, S.; Castillo-Martín, M. "Biología de la Reproducción (2017), 15: 85-90".

**110 Title of the work:** Effects of red-light photostimulation on the reproductive performance of extended boar semen samples

**Name of the conference:** 28th Annual European EU AI-Vets Meeting

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Aranjuez, Spain

**Date of event:** 2017

**End date:** 2017

**Organising entity:** Sense Especificar

**Type of entity:** \*\*Sense Classificar

Yeste, M.; Codony, F.; Leonart, M.; Bonet, S.; Rodríguez-Gil, J.E.; Balasch, S.

**111 Title of the work:** Two natural antioxidants and boar frozen semen: surprising effects

**Name of the conference:** 21st Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - poster

**City of event:** Bern, Switzerland

**Date of event:** 2017

**End date:** 2017

**Organising entity:** European Society for Domestic Animal Reproduction (ESDAR)

**Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca

Bucci, D.; Prieto Martínez, N.; Mislei, B.; Gadani, B.; Spinaci, M.; Tamanini, C.; Love, C.C.; Mari, G.; Yeste, M.; Galeati, G. "Reproduction in Domestic Animals, 52 (Suppl 3): 74-75".



- 112** **Title of the work:** Insemination protocols with frozen-thawed semen  
**Name of the conference:** 10th International Conference on Pig Reproduction (ICPR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Columbia, Missouri, United States of America  
**Date of event:** 2017  
**End date:** 2017  
**Organising entity:** University of Missouri **Type of entity:** \*\*Universitat  
Yeste, M."Molecular Reproduction and Development, 84: 802-813".
- 113** **Title of the work:** Becas, financiación, carrera profesional y otros recursos para investigadores júnior (pre y posdoctorales) en el área de reproducción (Chair of session)  
**Name of the conference:** 14º Congreso Internacional de la Asociación Española de Reproducción Animal  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - others  
**City of event:** Barcelona, Spain  
**Date of event:** 2017  
**End date:** 2017  
**Organising entity:** Asociación Española de Reproducción Animal  
Yeste, M.
- 114** **Title of the work:** Voltage-Dependent Anion Channel 2 (VDAC2) is involved in in vitro capacitation of boar sperm  
**Name of the conference:** 14th International Conference of the Spanish Society for Animal Reproduction (AERA)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Spain  
**Date of event:** 2017  
**End date:** 2017  
**Organising entity:** Asociación Española de Reproducción Animal  
Martínez-Abad, S.; Castillo-Martín, M.; Gadani, B.; Rodríguez-Gil, J.E.; Bonet, S.; Yeste, M."Reproduction in Domestic Animals, 52 (Suppl 4): 65-68".
- 115** **Title of the work:** First evidence for the presence of aquaporins in stallion sperm  
**Name of the conference:** 14th International Conference of the Spanish Society for Animal Reproduction (AERA)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Spain  
**Date of event:** 2017  
**End date:** 2017  
**Organising entity:** Asociación Española de Reproducción Animal  
Bonilla-Correal, S.; Noto, F.; Garcia-Bonavila, E.; Rodríguez-Gil, J.E.; Yeste, M.\*; Miró, J.\* (\*Joint senior authors). "Reproduction in Domestic Animals, 52 (Suppl 4): 61-64".
- 116** **Title of the work:** Effects of the antimicrobial peptide Protegrin 1 on sperm viability and bacterial load of boar seminal doses  
**Name of the conference:** 14th International Conference of the Spanish Society for Animal Reproduction (AERA)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication

**City of event:** Barcelona, Spain

**Date of event:** 2017

**End date:** 2017

**Organising entity:** Asociación Española de Reproducción Animal

Sancho, S.; Briz, M.D.; Yeste, M.; Bonet, S.; Bussalleu, E. "Reproduction in Domestic Animals, 52 (Suppl 4): 69-71".

**117 Title of the work:** Developmental competence of in vitro matured bovine oocytes vitrified and warmed in media supplemented with a biopolymer produced by an Antarctic bacterium

**Name of the conference:** 14th International Conference of the Spanish Society for Animal Reproduction (AERA)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Barcelona, Spain

**Date of event:** 2017

**End date:** 2017

**Organising entity:** Asociación Española de Reproducción Animal

Arcarons, N.; Vendrell, M.; Yeste, M.; López-Béjar, M.; Mercadé, E.; Mogas, T. "Reproduction in Domestic Animals, 52 (Suppl 4): 92".

**118 Title of the work:** Aquaporins: involvement of water channels in gamete function and cryobiology

**Name of the conference:** 14th International Conference of the Spanish Society for Animal Reproduction (AERA)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Barcelona, Spain

**Date of event:** 2017

**End date:** 2017

**Organising entity:** Asociación Española de Reproducción Animal

Yeste, M. "Reproduction in Domestic Animals, 52 (Suppl 4): 12-27".

**119 Title of the work:** Effects of the antimicrobial peptide PMAP-37 on boar sperm quality and its effectiveness against bacterial load

**Name of the conference:** 20th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** LISBOA, Portugal

**Date of event:** 2016

**End date:** 2016

Sancho S; Briz MD; Bussalleu E; Yeste M; Bonet S. "Reproduction in Domestic Animals, 51 (Suppl 2): 137".

**120 Title of the work:** Infra-red laser pulse increases the expression of heat-inducible molecular cargo delivered via mesoporous silica nanoparticles

**Name of the conference:** Applied Nanotechnology and Nanoscience International Conference 2016

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Barcelona, Spain

**Date of event:** 2016

**End date:** 2016

Davidson, L.; Barkalina, N.; Yeste, M.; Jones, C.; Coward, K. "Book of Abstracts, 233".



- 121 Title of the work:** Aquaporins 3 and 7 as cryotolerance markers in boar semen  
**Name of the conference:** 20th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Lisboa, Portugal  
**Date of event:** 2016  
**End date:** 2016  
**Organising entity:** European Society for Domestic Animal Reproduction (ESDAR) **Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca  
Prieto-Martínez, N.; Mateo, E.; Puig-Timonet, A.; Rodríguez-Gil, J.E.; Bonet, S.; Morató, R.; Yeste, M."Reproduction in Domestic Animals, 51 (Suppl 2): 132".
- 122 Title of the work:** State-of-the-art of boar sperm preservation in liquid and frozen state  
**Name of the conference:** VI International Symposium on Animal Biology of Reproduction (ISABR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Campos do Jordão, Brazil  
**Date of event:** 2016  
**End date:** 2016  
**Organising entity:** Brazilian College of Animal Reproduction (CBRA) **Type of entity:** \*\*Universitat  
Yeste, M. "Animal Reproduction, 14: 69-81".
- 123 Title of the work:** Detecció i localització de les Aquaporines 7 i 11 en l'espermatozoide de porc  
**Name of the conference:** SOCIETAT CATALANA DE BIOLOGIA  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Spain  
**Date of event:** 2015  
**End date:** 2015  
Noelia Prieto-Martínez; Ingrid Vilagran; Roser Morató; Joan E. Rodríguez-Gil; Marc Yeste; Sergi Bonet.
- 124 Title of the work:** Immunolocalization of aquaglyceroporin 3 in boar spermatozoa  
**Name of the conference:** VIIIth International Conference on Boar Semen Preservation  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Champaign, Illinois, United States of America  
**Date of event:** 2015  
**End date:** 2015  
Prieto-Martínez, N.; Morató, R.; Sepúlveda, L.; Rodríguez-Gil, JE.; Bonet, S.; Yeste, M."Reprod Dom Anim 50 (Suppl. 2), 119-128 (2015); doi: 10.1111/rda.12578".
- 125 Title of the work:** In vitro capacitation of boar sperm is concomitant with an increase in the disruption of disulfide bonds in the nuclear structure of the head  
**Name of the conference:** VIIIth International Conference on Boar Semen Preservation  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Champaign, Illinois, United States of America  
**Date of event:** 2015  
**End date:** 2015



Betarelli, R.; Estrada, E.; Yeste, M.; Sepúlveda, L.; Rigau, T.; Zangeronimo, MG.; Rodríguez-Gil, JE. "Reprod Dom Anim 50 (Suppl. 2), 119-128 (2015); doi: 10.1111/rda.12578".

**126 Title of the work:** Effect of different concentrations of *Pseudomonas aeruginosa* on membrane lipid disorder of boar sperm

**Name of the conference:** VIIIth International Conference on Boar Semen Preservation

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Champaign, Illinois, United States of America

**Date of event:** 2015

**End date:** 2015

Sepúlveda, L.; Bussalleu, E.; Yeste, M.; Bonet, S. "Reprod Dom Anim 50 (Suppl. 2), 119-128 (2015); doi: 10.1111/rda.12578".

**127 Title of the work:** Oocyte activation deficiency: clinical research studies of phospholipase C zeta

**Name of the conference:** 37th Conference of the British Andrology Society (BAS)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - invited/keynote talk

**City of event:** London, United Kingdom

**Date of event:** 2015

**End date:** 2015

**Organising entity:** British Andrology Society

**Type of entity:** \*\*Universitat

Yeste, M.; Jones, C.; Amdani, S.N.; Coward, K.

**128 Title of the work:** Efecte de *Pseudomonas aeruginosa* sobre la fluïdesa de la membrana i els nivells de fosforilació en tirosines de p32 de l'espermatozoide porcí després de la capacitació in vitro

**Name of the conference:** XIV Jornades de Biologia de la Reproducció de la Societat Catalana de Biologia (Institut d'Estudis Catalans)

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**City of event:** Barcelona, Spain

**Date of event:** 2015

**End date:** 2015

**Organising entity:** Societat Catalana de Biologia

Sepúlveda, L.; Bussalleu, E.; Yeste, M.; Bonet, S. "Biologia de la Reproducció (2015), 14: 39-44".

**129 Title of the work:** Impact of different concentrations of *Pseudomonas aeruginosa* on tyrosine phosphorylation patterns of boar sperm after in vitro capacitation

**Name of the conference:** 19th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Albena, Bulgaria

**Date of event:** 2015

**End date:** 2015

**Organising entity:** European Society for Domestic Animal Reproduction (ESDAR)

**Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca

Sepúlveda, L.; Bussalleu, E.; Rivera del Alamo, M.M.; Yeste, M.; Bonet, S. "Reprod Domest Anim 50 (Suppl. 3), 42-83 (2015); doi: 10.1111/rda.12581".



- 130 Title of the work:** Advances in techniques for the cryopreservation of boar sperm  
**Name of the conference:** VIIIth International Conference on Boar Semen Preservation  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Champaign-Urbana, United States of America  
**Date of event:** 2015  
**End date:** 2015  
**Organising entity:** International Conference on Boar Semen Preservation (ICBSP) **Type of entity:** \*\*Ramaderia, Agricultura, Caça i Pesca  
Yeste, M."Reproduction in Domestic Animals, 50 (Suppl 2): 71-79".
- 131 Title of the work:** Expression of GPX1 gene in IVP porcine blastocysts before and after vitrification and warming.  
**Name of the conference:** 18th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Helsinki, Finland  
**Date of event:** 2014  
**End date:** 2014  
Castillo-Martín, M.; Yeste, M.; Morató, R.; Miró, J.; Bonet, S."Reproduction in Domestic Animals, 49 (Suppl. 3): 60".
- 132 Title of the work:** Effect of different concentrations of Pseudomonas aeruginosa on boar sperm motility  
**Name of the conference:** 18th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Helsinki, Finland  
**Date of event:** 2014  
**End date:** 2014  
Sepúlveda, L.; Bussalleu, E.; Yeste, M.; Rivera del Alamo, M.M.; Bonet, S."Reprod Dom Anim 49 (Suppl. 3), 1 (2014)".
- 133 Title of the work:** Dynamics of separate calcium deposits during boar sperm 'in vitro' capacitation and acrosome exocytosis  
**Name of the conference:** 18th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Helsinki, Finland  
**Date of event:** 2014  
**End date:** 2014  
Rodríguez-Gil, J.E.; Fernández-Novell, J.M.; Estrada, E.; Giaretta, E.; Rigau, T.; Yeste, M."Reproduction in Domestic Animals, 49 (Suppl. 3): 90".
- 134 Title of the work:** Differences in ROS levels between good and poor freezability stallion ejaculates  
**Name of the conference:** 18th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Helsinki, Finland



**Date of event:** 2014

**End date:** 2014

Yeste, M.; Estrada, E.; Rodríguez-Gil, J.E.; Miró, J."Reproduction in Domestic Animals, 49 (Suppl. 3): 101".

**135 Title of the work:** Is voltage-dependent anion channel 2 (VDAC2) a good marker to predict boar sperm freezability?

**Name of the conference:** 18th ESDAR annual conference

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Helsinki, Finland

**Date of event:** 2014

**End date:** 2014

Vilagran I; Yeste M; Sancho S; Rigau T; Rivera del Álamo MM; Bonet S. "18th annual conference of the European society for domestic animal reproduction (ESDAR)".

**136 Title of the work:** Does the presence of Enterobacter cloacae in boar semen negatively affect sperm preservation at 15-17°C?

**Name of the conference:** European Society for Domestic Animal Reproduction (ESDAR)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Helsinki, Finland

**Date of event:** 2014

**End date:** 2014

N. Prieto-Martínez; E. Bussalleu; E. García-Bonavila; J. Rodríguez-Gil; S. Bonet; M. Yeste. "Reproduction in Domestic Animals 49(3): 88".

**137 Title of the work:** The effects of supplementing vitrification/warming solutions with antioxidants on in vitro produced porcine blastocysts

**Name of the conference:** 17th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Bologna, Italy

**Date of event:** 2013

**End date:** 2013

Castillo-Martín, M.; Bonet, S.; Morató, R.; Rodríguez-Gil, J.E.; Yeste, M."Reproduction in Domestic Animals, 48 (Suppl 1): 101".

**138 Title of the work:** The absence of extracellular calcium stimulates sperm motility and inhibits both "in vitro" capacitation and progesterone-induced acrosome exocytosis without affecting the overall energy management function in boar spermatozoa

**Name of the conference:** 17th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Bologna, Italy

**Date of event:** 2013

**End date:** 2013

Yeste, M.; Ramió-Lluch, M.; Fernández-Novell, J.M.; Estrada, E.; Cebrián-Pérez, J.A.; Muiño-Blanco, T.; Concha, I.I.; Ramírez, A.; Rodríguez-Gil, J.E."Reproduction in Domestic Animals, 48 (Suppl 1): 90".





- 139** **Title of the work:** Inhibiting the activity of mitochondrial ATP synthase with Oligomycin-A suppresses motility and "in vitro" capacitation achievement of boar spermatozoa but does not affect the sperm energy levels.  
**Name of the conference:** 38th Federation of European Biochemical Societies (FEBS) Congress  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Saint Petersburg, Russia  
**Date of event:** 2013  
**End date:** 2013  
Yeste, M.; Ramió-Lluch, M.; Fernández-Novell, J.M.; Estrada, E.; Cebrián-Pérez, J.A.; Muiño-Blanco, T.; Concha, I.I.; Ramírez, A.; Rodríguez-Gil, J.E."FEBS Journal 280 (Suppl 1): 266".
- 140** **Title of the work:** The effect of L-ascorbic acid during culture, cryopreservation, or both on porcine embryos produced in vitro  
**Name of the conference:** Annual Conference of the IETS (International Embryo Transfer Society)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Hannover, Germany  
**Date of event:** 2013  
**End date:** 2013  
Castillo-Martín, M.; Yeste, M.; Morató, R.; Mogas, T.; Bonet, S."Reproduction, Fertility and Development vol. 25".
- 141** **Title of the work:** Effects of different enterotoxigenic and verotoxigenic E.coli concentrations on boar sperm quality  
**Name of the conference:** BIT's 3rd Annual Word Congress of Microbes  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Wuhan, China  
**Date of event:** 2013  
**End date:** 2013  
Bussalleu, E.; Sepúlveda, L.; Torner, E.; Yeste, M.; Bonet, S."Abstract book of BIT's 3rd Annual Word Congress of Microbes, 210".
- 142** **Title of the work:** The role of donkey seminal plasma on jennies inflammatory response postinsemination  
**Name of the conference:** XIII Jornades de Biologia de la Reproducció de la Societat Catalana de Biologia  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Spain  
**Date of event:** 2013  
**End date:** 2013  
Miró, J.; Vilés, K.; García, W.; Marín, H.; Yeste, M."Biologia de la Reproducció (2013), 13: 49-54".
- 143** **Title of the work:** La proteïna d'unió a l'acrosina (ACRBP) i la triosafosfat isomerasa (TPI) com a marcadors de la congelabilitat en les ejaculacions porcines  
**Name of the conference:** XIII Jornades de Biologia de la Reproducció de la Societat Catalana de Biologia  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Spain  
**Date of event:** 2013  
**End date:** 2013



Vilagran, I.; Castillo, J.; Bonet, S.; Sancho, S.; Yeste, M.; Estanyol, J.M.; Oliva, R."Biología de la Reproducción (2013), 13: 59-64".

- 144 Title of the work:** Importància de la fosforilació dels residus de serina de la proteïna HSP70 en l'adquisició de la criotolerància de l'espermatozoide porcí.  
**Name of the conference:** XIII Jornades de Biologia de la Reproducció de la Societat Catalana de Biologia  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Spain  
**Date of event:** 2013  
**End date:** 2013  
Yeste, M.; Estrada, E.; Rivera, M.M.; Bonet, S.; Rodríguez-Gil, J.E."Biología de la Reproducción (2013), 13: 55-58".
- 145 Title of the work:** Immunoprecipitation studies anti-HSP70 confirm the relevance of serine-phosphorylation in boar sperm cryotolerance  
**Name of the conference:** 20th Brazilian Congress of Animal Reproduction (CBRA)  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Uberlândia, Brazil  
**Date of event:** 2013  
**End date:** 2013  
**Organising entity:** Brazilian College of Animal Reproduction (CBRA)      **Type of entity:** \*\*Universitat  
Rocha, L.G.; Estrada, E.; Rivera, M.M.; Rodríguez-Gil, J.E.; Yeste, M."Proceedings of the 20th Brazilian Congress of Animal Reproduction, 102".
- 146 Title of the work:** Evaluation of sperm subpopulation structure in relation to in vitro sperm-oocyte interaction and field fertility of frozen-thawed semen from Holstein bulls. . 6-7 September 2013. Istanbul (Turkey).  
**Name of the conference:** 29th Annual Meeting of the Association of Embryo Transfer in Europe (AETE)  
**Type of event:** Conference      **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Istanbul, Turkey  
**Date of event:** 2013  
**End date:** 2013  
**Organising entity:** Association of Embryo Technology in Europe (AETE)      **Type of entity:** \*\*Universitat  
Ferraz, M.A.M.M.; Morató, R.; Yeste, M.; Arcarons, N.; Peña, A.I.; Tamargo, C.; Hidalgo, C.O.; Muiño, R.; Mogas, T."Proceeding of the 29th Annual Meeting of AETE, 128".
- 147 Title of the work:** Comparació de l'efecte de l'addició d'àcid ascòrbic o B-mercaptoetanol durant el cultiu d'embrions de porcí produïts in vitro  
**Name of the conference:** XIII Jornada de Biologia de la Reproducció  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Spain  
**Date of event:** 2013  
**End date:** 2013  
**Organising entity:** Societat Catalana de Biologia  
Castillo-Martín, M.; Bonet, S.; Morató, R.; Torner, E.; Yeste, M."Biología de la Reproducción (2013), 13: 71-76".



- 148** **Title of the work:** Increase of DNA fragmentation after vitrification of in vitro produced porcine blastocysts cultured in NCSU23 with pyruvate/lactate instead of glucose  
**Name of the conference:** 11th International Congress of the Spanish Association for Animal Reproduction (AERA)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Córdoba, Spain  
**Date of event:** 2012  
**End date:** 2012  
Castillo-Martín, M.; Bonet, S.; Morató, R.; Mogas, T.; Yeste, M. "Reproduction in Domestic Animals vol. 47 (3).".
- 149** **Title of the work:** Spermionics: a combined tools array designed for the global survey of sperm function  
**Name of the conference:** 37th Federation of European Biochemical Societies (FEBS) Congress  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Sevilla, Spain  
**Date of event:** 2012  
**End date:** 2012  
Fernández-Novell, J.M.; Estrada, M.; Yeste, M.; Rodríguez-Gil, J.M. "FEBS Journal 279 (Suppl 1): 236".
- 150** **Title of the work:** Effects of adding L-ascorbic acid into in vitro culture media NCSU23 on porcine embryo development and quality  
**Name of the conference:** I CIBICAT (Congrés Internacional de Biologia de Catalunya)  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**City of event:** Barcelona, Spain  
**Date of event:** 2012  
**End date:** 2012  
Castillo-Martín, M.; Yeste, M.; Torner, E.; Bonet, S.
- 151** **Title of the work:** Pro/acrosin activity and expression analysis along epididymis.  
**Name of the conference:** I Congrés Internacional de Biología de Catalunya (I CIBICAT)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Barcelona, Spain  
**Date of event:** 2012  
**End date:** 2012  
Puigmulé, M.; Fábrega, A.; Yeste, M.; Bonet, S.; Pinart, E. "Global Questions on Advanced Biology: 232".
- 152** **Title of the work:** Addition of L-ascorbic acid during in vitro culture or/and during cryopreservation enhances porcine embryo survival  
**Name of the conference:** 28th Annual Meeting Association Européenne de Transfert Embryonnaire (AETE)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Saint Malo, France  
**Date of event:** 2012  
**End date:** 2012  
**Organising entity:** Association of Embryo Technology in Europe (AETE) **Type of entity:** \*\*Universitat  
Castillo-Martín, M.; Yeste, M.; Morató, R.; Mogas, T.; Bonet, S.



- 153** **Title of the work:** Effect of different concentrations of Clostridium perfringens on sperm quality of boar seminal doses kept at 15°C  
**Name of the conference:** I Congrés Internacional de Biologia de Catalunya: Global Questions on Advanced Biology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Barcelona, Spain  
**Date of event:** 2012  
**End date:** 2012  
**Organising entity:** Societat Catalana de Biologia  
Sepúlveda, L.; Bussalleu, E.; Yeste, M.; Torner, E.; Bonet, S.
- 154** **Title of the work:** Good boar freezeability ejaculates show higher stability of disulfide bonds between cysteine residues of sperm head proteins than poor freezeability ejaculates after freezing/thawing  
**Name of the conference:** 11th International Congress of Spanish Association for Animal reproduction (AERA)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Córdoba, Spain  
**Date of event:** 2012  
**End date:** 2012  
**Organising entity:** Asociación Española de Reproducción Animal  
Estrada, E.; Yeste, M.; Bonet, S.; Rigau, T.; Rodríguez-Gil, J.E."Reproduction in Domestic Animals, 47 Suppl 3: 102."
- 155** **Title of the work:** Effects of different Clostridium perfringens concentration on boar sperm motility  
**Name of the conference:** 11th International Congress of Spanish Association for Animal reproduction (AERA)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Córdoba, Spain  
**Date of event:** 2012  
**End date:** 2012  
**Organising entity:** Asociación Española de Reproducción Animal  
Bussalleu, E.; Sepúlveda, L.; Yeste, M.; Briz, M.; Torner, E.; Bonet, S."Reproduction in Domestic Animals, 47 (3): 99".
- 156** **Title of the work:** Effect of liquid storage in short and long term extender on cell viability, apoptosis and acrosome integrity of boar spermatozoa  
**Name of the conference:** 11th International Congress of Spanish Association for Animal reproduction (AERA)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Córdoba, Spain  
**Date of event:** 2012  
**End date:** 2012  
**Organising entity:** Asociación Española de Reproducción Animal  
Puigmulé, M.; Fàbrega, A.; Yeste, M.; Pinart, E.; Briz, M.; Bonet, S."Reproduction in Domestic Animals, 47 (3): 10".



- 157 Title of the work:** A proper assessment of boar sperm function may not only require conventional analyses but also others focused on molecular markers of epididymal maturation  
**Name of the conference:** 11th International Congress of Spanish Association for Animal reproduction (AERA)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Córdoba, Spain  
**Date of event:** 2012  
**End date:** 2012  
**Organising entity:** Asociación Española de Reproducción Animal  
Bonet, S.; Briz, M.; Yeste, M."Reproduction in Domestic Animals, 47 (3): 52-64".
- 158 Title of the work:** Hyaluronic acid may improve the porcine embryo quality when added to in vitro culture medium depending on energy substrate  
**Name of the conference:** I Congreso Internacional de Biología de Cataluña (I CIBICAT)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Barcelona, Spain  
**Date of event:** 2012  
**End date:** 2012  
**Organising entity:** Asociación Española de Reproducción Animal  
Torner, E.; Bussalleu, E.; Briz, M.; Yeste, M.; Bonet, S."Global Questions on Advanced Biology: 2337 (3): 10".
- 159 Title of the work:** Effect of different Clostridium perfringens concentrations on boar sperm motility  
**Name of the conference:** XI Congreso Internacional AERA  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Córdoba, Spain  
**Date of event:** 2012  
**End date:** 2012  
**Organising entity:** Asociación Española de Reproducción Animal  
Bussalleu, E.; Sepúlveda, L.; Yeste, M.; Briz, M.; Torner, E.; Bonet, S."Reproduction in Domestic Animals, 47 (3): 99".
- 160 Title of the work:** Pro/acrosin activity analysis along porcine epididymis  
**Name of the conference:** 15th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Antalya, Turkey  
**Date of event:** 2011  
**End date:** 2011  
Puigmulé, M.; Fábrega, A.; Yeste, M.; Bussalleu, E.; Briz, M.; Bonet, S.; Pinart, E."Reproduction in Domestic Animals 46 (Suppl. 3): 143".
- 161 Title of the work:** Phosphotyrosine glycogen synthase kinase 3 expression in boar epididymal and ejaculated spermatozoa  
**Name of the conference:** 15th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster



**City of event:** Antalya, Turkey

**Date of event:** 2011

**End date:** 2011

Fàbrega, A.; Puigmulé, M.; Yeste, M.; Bussalleu, E.; Briz, M.; Bonet, S.; Pinart, E. "Reproduction in Domestic Animals 46 (Suppl. 3): 102".

**162 Title of the work:** Effects of different enterotoxigenic and verotoxigenic E.coli concentrations on boar sperm quality

**Name of the conference:** 15th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Antalya, Turkey

**Date of event:** 2011

**End date:** 2011

Bussalleu, E.; Yeste, M.; Pinart, E.; Briz, M.; Sancho, S.; Torner, E.; Bonet, S. "Reproduction in Domestic Animals 46 (Suppl. 3): 92".

**163 Title of the work:** Role of glutathione and procaine to stabilize the protamine/DNA complex after freezing and thawing of boar spermatozoa

**Name of the conference:** 7th International Conference on Boar Semen Preservation

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Bonn, Germany

**Date of event:** 2011

**End date:** 2011

Yeste, M.; Estrada, E.; Casas, I.; Bonet, S.; Rodríguez-Gil, JE. "Reproduction in Domestic Animals, 46 (Suppl 2): 93-94".

**164 Title of the work:** The heat-shock protein family: are all members good predictors of the ejaculate freezability in boars?

**Name of the conference:** VIIIth International Conference on Boar Semen Preservation

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Bonn, Germany

**Date of event:** 2011

**End date:** 2011

Sancho, S.; Vilagran, I.; Yeste, M.; Bussalleu, E.; Fàbrega, A.; Bonet, S. "Reproduction in Domestic Animals, 46 (Suppl 2): 93".

**165 Title of the work:** Paper del glutatió i la procaïna en l'estabilització de l'estructura nucleoproteínica de l'espermatozoide porcí sotmès a protocols de congelació/descongelació

**Name of the conference:** XII Jornada de Biologia de la Reproducció

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**City of event:** Barcelona, Spain

**Date of event:** 2011

**End date:** 2011

Yeste, M.; Castillo-Martín, M.; Flores, E.; Bonet, S.; Rodríguez-Gil, JE. "Biologia de la Reproducció vol. 12".



- 166** **Title of the work:** Assaig de la potencialitat de la proteïna HSP-60 com a predictor de la congelabilitat de l'esperma porcí  
**Name of the conference:** XII Jornades de Biologia de la Reproducció de la Societat Catalana de Biologia (Institut d'Estudis Catalans)  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Spain  
**Date of event:** 2011  
**End date:** 2011  
Sancho, S.; Vilagran, I.; Casas, I.; Yeste, M.; Pinart, E.; Briz, M.; Bonet, S."Biologia de la Reproducció (2011), 12: 101-104".
- 167** **Title of the work:** Eines per a la predicció de la congelabilitat en les ejaculacions porcines  
**Name of the conference:** XII Jornades de Biologia de la Reproducció de la Societat Catalana de Biologia (Institut d'Estudis Catalans)  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Spain  
**Date of event:** 2011  
**End date:** 2011  
Casas, I.; Sancho, S.; Briz, M.; Yeste, M.; Fàbrega, A.; Bonet, S."Biologia de la Reproducció (2011), 12: 95-100".
- 168** **Title of the work:** Estudi preliminar de la utilització del gen de la peptidasa ubiquitina específica 9 (usp9y) per a la determinació del sexe en porcí  
**Name of the conference:** XII Jornades de Biologia de la Reproducció de la Societat Catalana de Biologia (Institut d'Estudis Catalans)  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Spain  
**Date of event:** 2011  
**End date:** 2011  
Torner, E.; Bussalleu, E.; Briz, M.; Yeste, M.; Bonet, S."Biologia de la Reproducció (2011), 12: 113-118".
- 169** **Title of the work:** Adaptació d'una tècnica de PCR per a la detecció d'E.coli enterotoxigènica i E.coli verotoxigènica en semen porcí  
**Name of the conference:** XII Jornades de Biologia de la Reproducció de la Societat Catalana de Biologia (Institut d'Estudis Catalans)  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Spain  
**Date of event:** 2011  
**End date:** 2011  
Bussalleu, E.; Yeste, M.; Torner, E.; Sepulveda, L.; Pinart, E.; Briz, M.; Bonet, S."Biologia de la Reproducció (2011), 12: 91-94".
- 170** **Title of the work:** Boar sperm capacitation: interactions oocyte-oviductal epithelial cells-spermatozoa  
**Name of the conference:** VI Congreso de la Asociación para el Estudio de la Biología de la Reproducción (ASEBIR)  
**Type of event:** Conference  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Girona, Spain



**Date of event:** 2011

**End date:** 2011

**Organising entity:** Asociación para el Estudio de la Biología de la Reproducción  
Yeste, M. **Type of entity:** \*\*Sense Classificar

- 171** **Title of the work:** Estudi del sistema proacrosina/acrosina en espermatozoides de porcí ejaculats i capacitats in vitro.  
**Name of the conference:** XII Jornades de Biología de la Reproducció de la Societat Catalana de Biologia  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Spain  
**Date of event:** 2011  
**End date:** 2011  
**Organising entity:** Institut d'Estudis Catalans (IEC) **Type of entity:** \*\*Organisme Autònom  
Puigmulé, M.; Fàbrega, A.; Yeste, M.; Bonet, S.; Pinart, E."Biología de la Reproducció (2011), 12: 101-104."
- 172** **Title of the work:** Biotecnología de la Reproducción: del Modelo Animal al Modelo Humano.  
**Name of the conference:** VI Congreso de la Asociación para el Estudio de Biología de la Reproducción (ASEBIR). 5-7 Octubre de 2011.  
**Type of event:** Conference  
**Type of participation:** Organizing committee  
**City of event:** Girona, Spain  
**Date of event:** 2011  
**End date:** 2011  
**Organising entity:** Asociación para el Estudio de la Biología de la Reproducción **Type of entity:** \*\*Sense Classificar  
Bonet, S.; Briz, M.; Pinart, E.; Sancho, S.; Bussalleu, E.; Yeste, M."Revista de la Asociación para el Estudio de la Biología de la Reproducción, 16 (2): 5-6".
- 173** **Title of the work:** Testing sonication conditions on boar sperm pellets to maximize protein recovery in supernatants  
**Name of the conference:** 10th Congress of the Spanish Society of Animal Reproduction (AERA 2010)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Cáceres, Spain  
**Date of event:** 2010  
**End date:** 2010  
Casas, I.; Sancho, S.; Briz, M.; Pinart, E.; Bussalleu, E.; Yeste, M.; Fàbrega, A.; Puigmulé, M.; Garcia, E.; Torner, E.; Castillo, M.; Bonet, S."Reproduction in Domestic Animals 45 (Suppl. 2): 95 pp."
- 174** **Title of the work:** Optimization of the In Vitro capacitation time of boar spermatozoa by assessment of sperm viability and membrane fluidity  
**Name of the conference:** 10th Congress of the Spanish Society of Animal Reproduction (AERA 2010)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Cáceres, Spain  
**Date of event:** 2010  
**End date:** 2010  
Puigmulé, M.; Fàbrega, A.; Briz, M.; Sancho, S.; Bussalleu, E.; Yeste, M.; Casas, I.; Garcia, E.; Torner, E.; Bonet, S.; Pinart, E."Cáceres".





- 175 Title of the work:** Immunolocalization of pro-acrosin in epididymal spermatozoa from fertile boars  
**Name of the conference:** 10th Congress of the Spanish Society of Animal Reproduction (AERA 2010)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Cáceres, Spain  
**Date of event:** 2010  
**End date:** 2010  
Fàbrega, A.; Puigmulé, M.; Briz, M.; Sancho, S.; Bussalleu, E.; Yeste, M.; Casas, I.; Garcia, E.; Torner, E.; Bonet, S.; Pinart, E."Cáceres".
- 176 Title of the work:** Comparative study among three different boar sperm selection methods for their posterior utilisation in IVF assays.  
**Name of the conference:** 11th International Symposium on Spermatology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Okinawa, Japan  
**Date of event:** 2010  
**End date:** 2010  
Torner, E.; Bussalleu, E.; Briz, M.; Yeste, M.; Pinart, E.; Sancho, S.; Casas, I.; Fàbrega, A.; Puigmulé, M.; Garcia, E.; Castillo, M.; Bonet S."Abstract Book of the 11th International Symposium on Spermatology, 77pp."
- 177 Title of the work:** A PCR technique to detect the presence of enterotoxigenic E. coli in porcine semen samples.  
**Name of the conference:** 11th International Symposium on Spermatology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Okinawa, Japan  
**Date of event:** 2010  
**End date:** 2010  
Bussalleu, E.; Yeste, M.; Pinart, E.; Briz, M.; Sancho, S.; Torner, E.; Bonet S."Abstract Book o the 11th International Symposium on Spermatology".
- 178 Title of the work:** Pro/acrosin activity and western blot analysis in capacitated and non-capacitated boar spermatozoa  
**Name of the conference:** 14th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Eger, Hungary  
**Date of event:** 2010  
**End date:** 2010  
Puigmulé, M.; Fàbrega, A.; Briz, M.; Sancho, S.; Bussalleu, E.; Yeste, M.; Casas, I.; Garcia, E.; Torner, E.; Bonet, S.; Pinart, E."Reproduction in Domestic Animals 45 (Suppl. 3), 70 pp."
- 179 Title of the work:** Does fructose in BTS improve quality parameters in boar frozen-thawed sperm?  
**Name of the conference:** 14th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Eger, Hungary



**Date of event:** 2010

**End date:** 2010

Casas, I.; Sancho, S.; Briz, M.; Pinart, E.; Bussalleu, E.; Yeste, M.; Fàbrega, A.; Puigmulé, M.; Garcia, E.; Torner, E.; Castillo, M.; Bonet, S."Reproduction in Domestic Animals 45 (Suppl. 3), 63".

- 180 Title of the work:** Freezability differences among ejaculates of three different pig breeds  
**Name of the conference:** 1st International Congress on Controversies in Cryopreservation of Stem Cells, Reproductive Cells, Tissue and Organs (CRYO)  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**City of event:** Valencia, Spain  
**Date of event:** 2010  
**End date:** 2010  
Casas, I.; Sancho, S.; Briz, M.; Pinart, E.; Bussalleu, E.; Yeste, M.; Fàbrega, A.; Puigmulé, M.; Garcia, E.; Torner, E.; Castillo, M.; Bonet, S."Abstracts Book, A4."
- 181 Title of the work:** Pro/acrosin expression in epididymal spermatozoa from fertile boars  
**Name of the conference:** 13th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Ghent, Belgium  
**Date of event:** 2009  
**End date:** 2009  
Fàbrega, A; Puigmulé, M; Briz, M.; Sancho, S.; Bussalleu, E.; Yeste, M.; Casas, I.; Garcia, E; Bonet, S; Pinart, E."Reproduciton in Domestic Animals 44(3): 83."
- 182 Title of the work:** Freezability of Piétrain boar ejaculates evaluated by sperm kinematics  
**Name of the conference:** 13th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Ghent, Belgium  
**Date of event:** 2009  
**End date:** 2009  
Casas, I.; Briz, M.; Sancho, S.; Pinart, E.; Bussalleu, E.; Yeste, M.; Fàbrega, A; Puigmulé, M; Garcia, E; Bonet, S."Reproduciton in Domestic Animals 44(3): 83."
- 183 Title of the work:** Dynamics of boar sperm morphology during co-incubation with epididymal explants  
**Name of the conference:** 13th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Ghent, Belgium  
**Date of event:** 2009  
**End date:** 2009  
Garcia-Bonavila, E; Yeste, M.; Bonet, S; Pinart, E; Sancho, S.; Bussalleu, E.; Casas, I.; Fàbrega, A; Briz, M."Reproduction in Domestic Animals 44 (3): 84-85".



- 184** **Title of the work:** Boar spermatozoa do not induce changes in heat shock protein gene expression without direct contact with oviductal epithelial cells  
**Name of the conference:** 13th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Ghent, Belgium  
**Date of event:** 2009  
**End date:** 2009  
Yeste, M.; Holt, W.V.; Briz, M.; Bonet, S.; Lloyd. "Reproduction in Domestic Animals 44 (3): 132".
- 185** **Title of the work:** A PCR technique to detect the PRRSV in blood and semen samples in boar  
**Name of the conference:** 13th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Ghent, Belgium  
**Date of event:** 2009  
**End date:** 2009  
Bussalleu, E.; Glaria, E.; Pinart, E.; de Andrés Cara, D.F.; Amorena, B.; Briz M.; Sancho, S.; Yeste, M.; Bonet, S."Reproduction in Domestic Animals 44 (Suppl 3): 98 pp."
- 186** **Title of the work:** Congelabilitat de les ejaculacions de porcí: estudi comparatiu de la qualitat espermàtica i la taxa de fertilitat in vivo  
**Name of the conference:** XI Jornada de Biologia de la Reproducció  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Girona, Spain  
**Date of event:** 2009  
**End date:** 2009  
Casas, I.; Sancho, S.; Briz, M.; Pinart, E.; Bussalleu, E.; Yeste, M.; Fàbrega, A.; Garcia, E.; Puigmulé, M.; Reixach, J.; Díaz, M.; Barrera, X.; Bonet, S."Biologia de la reproducció, 11: 17-22 BIOLOGIA DE LA REPRODUCCIÓ (revista). Editors: J. Sarquella i F. Vidal. ISBN: 978-84-92583-47-8. Dipòsit legal: B.20037-2009".
- 187** **Title of the work:** Sobreexpressió dels gens HSP90AA1 i HSPA8 en cèl.lules epitelials de l'oviducte (ORC) produïda per espermatozoides en l'espècie porcina  
**Name of the conference:** XI Jornada de Biologia de la Reproducció (Societat Catalana de Biologia)  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Girona, Spain  
**Date of event:** 2009  
**End date:** 2009  
Yeste, M.; Holt, W.V.; Briz, M.; Bonet, S.; Lloyd, R.E."Biologia de la Reproducció, 11: 23-26".
- 188** **Title of the work:** Efectes de la filtració amb granadura sobre la qualitat espermàtica de dosis seminals de porcí de baixa qualitat espermàtica  
**Name of the conference:** XI Jornada de Biologia de la Reproducció (Societat Catalana de Biologia)  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Girona, Spain  
**Date of event:** 2009



**End date:** 2009

Bussalleu, E.; Pinart, E.; Briz, M.; Sancho, S.; Yeste, M.; Casas, I.; Fàbrega, A.; García, E.; Puigmulé, M.; Bonet, S."Biología de la Reproducción, 11: 13-16".

**189 Title of the work:** Maduració i canvis en la morfologia espermàtica de porcí mitjançant coïncubació amb fragments d'epidídim

**Name of the conference:** XI Jornada de Biologia de la Reproducció (Societat Catalana de Biologia). Girona, 30 d'abril de 2009.

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**City of event:** Girona, Spain

**Date of event:** 2009

**End date:** 2009

García, E.; Yeste, M.; Bonet, S.; Sancho, S.; Pinart, E.; Bussalleu, E.; Casas, I.; Fàbrega, A.; Briz, M."Biología de la Reproducción, 11: 9-12".

**190 Title of the work:** Evaluation of boar semen fertilizing capability after short and extra-long storage using Duragen semen extender

**Name of the conference:** 8th International Conference on Pig Reproduction (ICPR)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - poster

**City of event:** Banff (Alberta), Canada

**Date of event:** 2009

**End date:** 2009

**Organising entity:** University of Alberta

Gómez-Rincón, C.; García-Tomás, M.; Dahmani, Y.; Mozo-Martín, R.; Jiménez, S.; Berges, A.N.; García-Bonavila, E.; Yeste, M.; Bonet, S.; Grandía, J."Abstract book, 128 (251-12)".

**191 Title of the work:** Double sperm deposition technique (Magaplus-DD) increases the reproductive results in farm conditions

**Name of the conference:** 8th International Conference on Pig Reproduction (ICPR)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - poster

**City of event:** Banff (Alberta), Canada

**Date of event:** 2009

**End date:** 2009

**Organising entity:** University of Alberta

Gómez-Rincón, C.; García-Tomás, M.; Dahmani, Y.; Mozo-Martín, R.; Jiménez, S.; Berges, A.N.; García-Bonavila, E.; Yeste, M.; Bonet, S.; Grandía, J."Abstract book, 127 (251-11)".

**192 Title of the work:** Correlation between sperm motility, mitochondrial sheath integrity and L-lactate production in asthenospermic boars

**Name of the conference:** 12th ESDAR Conference and Annual Meeting of European AI Vets

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - poster

**City of event:** Utrecht, Holland

**Date of event:** 2008

**End date:** 2008

Bussalleu, E.; Pinart, E.; Yeste, M.; Briz, M.; Sancho, S.; Casas, I.; Fàbrega, A.; Puigmulé, M.; Garcia, E.; Santos, M.; Bonet, S."Reproduction in Domestic Animals 43 (5): 54-55".



- 193** **Title of the work:** Pregnancy of sows with frozen-thawed semen using the post-cervical method  
**Name of the conference:** 12th ESDAR Conference and Annual Meeting of European AI Vets  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Utrecht, Holland  
**Date of event:** 2008  
**End date:** 2008  
Casas, I.; Sancho, S.; Briz, M.; Pinart, E.; Bussalleu, E.; Yeste, M.; Fàbrega, A.; Díaz, M.; Reixach, J.; Barrera, X.; Bonet, S."Reproduction in Domestic Animals 43 (5): 55-56".
- 194** **Title of the work:** Boar sperm quality after addition of pentoxifylline to short-term extender  
**Name of the conference:** 16th International Congress on Animal Reproduction (ICAR 2008)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Budapest, Hungary  
**Date of event:** 2008  
**End date:** 2008  
Yeste, M.; Briz, M.; Pinart, E.; Sancho, S.; Bussalleu, E.; Casas, I.; Fàbrega, A.; Puigmulé, M.; Garcia-Bonavila, E.; Bonet, S."Reproduction in Domestic animals, 43(3): 219".
- 195** **Title of the work:** Quality of Frozen-Thawed boar sperm after different dilutions in BTS  
**Name of the conference:** 1st International Meeting AERA-BAS  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Gijón, Spain  
**Date of event:** 2008  
**End date:** 2008  
Casas, I.; Sancho, S.; Briz, M.; Pinart, E.; Bussalleu, E.; Yeste, M.; Fàbrega, A.; Puigmulé, M.; Garcia, E.; Bonet, S."Reproduction In Domestic Animals 43 (4): 72 (P61)".
- 196** **Title of the work:** The Changes in the expression of three Heat Shock Proteins during in vitro homologous oviductal epithelial cell co-culture  
**Name of the conference:** 1st International Meeting of the Spanish Association for Animal Reproduction (AERA) and the British Andrology Society (BAS)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Gijón, Spain  
**Date of event:** 2008  
**End date:** 2008  
Yeste, M.; Lloyd, R.E.; Briz, M.; Bonet, S.; Holt, W.V."Reproduction in Domestic Animals, 43 (Suppl. 4): 53".
- 197** **Title of the work:** The changes in the expression of three heat shock proteins during in vitro homologous oviductal epithelial cell-coculture  
**Name of the conference:** 1st International Meeting of the Spanish Association for Animal Reproduction (AERA) and the British Andrology Society (BAS)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Gijón, Spain  
**Date of event:** 2008  
**End date:** 2008  
Yeste, M.; Lloyd, R.E.; Briz, M.; Bonet, S.; Holt, W.V."Reproduction in Domestic Animals 43 (4): 53".



- 198** **Title of the work:** Efecte de l'addició de prostaglandina F2alfa sobre la qualitat espermàtica de les ejaculacions de mascles reproductors porcins  
**Name of the conference:** 10a Jornada de la Secció de Biologia de la Reproducció de la Societat Catalana de Biologia  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**City of event:** Barcelona, Spain  
**Date of event:** 2007  
**End date:** 2007  
Yeste, M.; Briz, M.; Pinart, E.; Sancho, S.; García-Gil, N.; Badia, E.; Bassols, J.; Pruneda, A.; Bussalleu, E.; Casas, I.; Fàbrega, A.; Bonet, S."Actes de la 10a Jornada de Biologia de la Reproducció (Societat Catalana de Biologia)".
- 199** **Title of the work:** Effects of filtration in Sephadex A-50 or Sephadex C-50 columns, glass beads and glass wool on sperm quality in boars with asthenospermic and asthenoteratospermic ejaculates  
**Name of the conference:** 11th Conference of the European Society for Domestic Animal Reproduction  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Celle, Germany  
**Date of event:** 2007  
**End date:** 2007  
Bussalleu, E.; Pinart, E.; Fàbrega, A.; Briz, M.; Sancho, S.; Pruneda, A.; Yeste, M.; Casas, I.; Flores, E.; Rodríguez-Gil, J.E.; Bonet, S."Reproduction in Domestic Animals, 42 (2): 88".
- 200** **Title of the work:** Effect of L-carnitine administration on the seminal characteristics of Pietrain boars  
**Name of the conference:** 6th International Conference on Boar Semen Preservation  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Ontario, Canada  
**Date of event:** 2007  
**End date:** 2007  
Pruneda, A.; Pinart, E.; Briz, M.; Sancho, S.; Bussalleu, E.; Yeste, M.; Casas, I.; Fàbrega, A.; Barrera, X.; Mas, G.; Bonet, S."Abstract Book, Poster Session 1-Poster 6".
- 201** **Title of the work:** Boar sperm quality after co-culture with homologous oviductal epithelial cells  
**Name of the conference:** 6th International Conference on Boar Semen Preservation  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Ontario, Canada  
**Date of event:** 2007  
**End date:** 2007  
Yeste, M.; Lloyd, E.E.; Briz, M.; Badia, E.; Bonet, S.; Holt, W.V."Abstract book, 2: 21".
- 202** **Title of the work:** Valuable boar sperm parameters on searching for freezability traits  
**Name of the conference:** 6th International Conference on Boar Semen Preservation  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Alliston (Ontario), Canada  
**Date of event:** 2007  
**End date:** 2007  
Casas, I.; Sancho, S.; Briz, M.; Pinart, E.; García-Gil, N.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Fàbrega, A.; Rodríguez-Gil, J.E.; Bonet, S."Abstrac book, 3: 23".



- 203** **Title of the work:** Sperm cryopreservation in Iberian boars: study of the sperm quality and distribution of the 2 hexose transporters Glut-3 and Glut-5  
**Name of the conference:** 6th International Conference on Boar Semen Preservation  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Ontario, Canada  
**Date of event:** 2007  
**End date:** 2007  
Sancho, S.; Casas, I.; Ekwall, H.; Saravia, F.; Rodríguez-Martínez, H.; Rodríguez-Gil, J.E.; Flores, E.; Pinart, E.; Briz, M.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Fàbrega, A.; Bonet, S."Abstract Book, Poster Session 3-Poster 28".
- 204** **Title of the work:** Migration of the cytoplasmic droplet in epididymal cultures of *Sus scrofa*  
**Name of the conference:** 10th Conference of the European Society for Domestic Animals Reproduction  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Portoroz, Slovenia  
**Date of event:** 2006  
**End date:** 2006  
Bassols, J.; Kádár, E.; Briz, M.; Pinart, E.; Sancho, S.; García-Gil, N.; Badia, E.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Casas, I.; Bonet, S."Reproduction in Domestic Animals, 41 (4): 322".
- 205** **Title of the work:** Effects of filtration in columns of Sephadex A-50, Sephadex C-50, glass beads and glass wool in sperm quality of seminal doses from teratospermic boars  
**Name of the conference:** 10th International Symposium on Spermatology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Madrid, Spain  
**Date of event:** 2006  
**End date:** 2006  
Bussalleu, E.; Pinart, E.; Briz, M.; Sancho, S.; García-Gil, N.; Badia, E.; Bassols, J.; Pruneda, A.; Yeste, M.; Casas, I.; Bonet, S."Abstract Book: 110".
- 206** **Title of the work:** Effects of cryopreservation on the expression of Glut-3, Glut-5 and As-A proteins in Iberian boar sperm membranes  
**Name of the conference:** VIII Congreso de la Asociación Española de Reproducción Animal (AERA 2006)  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Murcia, Spain  
**Date of event:** 2006  
**End date:** 2006  
Sancho, S.; Casas, I.; Pinart, E.; Briz, M.; García-Gil, N.; Bassols, J.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Flores, E.; Rodríguez-Gil, J.E.; Ekwall, H.; Rodríguez-Martínez, H.; Bonet, S."Abstract Book, 41 (2): 103".
- 207** **Title of the work:** Freezability of boar semen: injuries on the acrosomal membrane appear early at 5°C  
**Name of the conference:** VIII Congreso de la Asociación Española de Reproducción Animal (AERA 2006)  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**City of event:** Murcia, Spain  
**Date of event:** 2006  
**End date:** 2006



Casas, I.; Sancho, S.; Briz, M.; Pinart, E.; García-Gil, N.; Bassols, J.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Saravia, F.; Rodríguez-Martínez, H.; Bonet, S."Abstract Book, 41 (2): 103".

- 208** **Title of the work:** Effect of hyaluronic acid added to boar cooled semen doses of sperm quality  
**Name of the conference:** VIII Congreso de la Asociación Española de Reproducción Animal (AERA 2006)  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Murcia, Spain  
**Date of event:** 2006  
**End date:** 2006  
Yeste, M.; Briz, M.; Pinart, E.; Sancho, S.; García-Gil, N.; Badia, E.; Bassols, J.; Pruneda, A.; Bussalleu, E.; Casas, I., Bonet, S."Abstract Book, 41 (2): 103".
- 209** **Title of the work:** Efecte dels diferents xocs osmòtics en les ejaculacions de mascles reproductors porcins (*Sus domesticus*)  
**Name of the conference:** 9a Jornada sobre Biologia de la Reproducció de la Societat Catalana de Biologia  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Spain  
**Date of event:** 2005  
**End date:** 2005  
Yeste, M.; Briz, M.; Pinart, E.; Sancho, S.; García-Gil, N.; Badia, E.; Pruneda, A.; Bussalleu, E.; Casas, I.; Bonet, S."Actes de la 9a Jornada de Biologia de la Reproducció (Societat Catalana de Biologia): 99-103".
- 210** **Title of the work:** Millora de la qualitat espermàtica de dosis seminals de mascles astenoteratonecrospermics per filtració en columnes de Sephadex neutre  
**Name of the conference:** 9a Jornada sobre Biologia de la Reproducció de la Societat Catalana de Biologia  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Spain  
**Date of event:** 2005  
**End date:** 2005  
Bussalleu, E.; Pinart, E.; Briz, M.; Sancho, S.; García-Gil, N.; Badia, E.; Bassols, J.; Pruneda, A.; Yeste, M.; Casas, I.; Bonet, S."Actes de la 9a Jornada de Biologia de la Reproducció (Societat Catalana de Biologia): 109-113".
- 211** **Title of the work:** Efectes d'una elevada freqüència d'ejaculació en la qualitat de l'esperma epididimari de mascles reproductors porcins  
**Name of the conference:** 9a Jornada sobre Biologia de la Reproducció de la Societat Catalana de Biologia  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Spain  
**Date of event:** 2005  
**End date:** 2005  
Pruneda, A.; Pinart, E.; Briz, M.; Sancho, S.; García-Gil, N.; Badia, E.; Bassols, J.; Bussalleu, E.; Yeste, M.; Casas, I.; Bonet, S."Actes de la 9a Jornada de Biologia de la Reproducció (Societat Catalana de Biologia): 115-119".
- 212** **Title of the work:** Study of boar semen quality during an artificial photoperiod of 24, 12 and 0 hours  
**Name of the conference:** 9th Conference of the European Society for Domestic Animals Reproduction  
**Type of event:** Conference  
**Geographical area:** International  
**Type of participation:** Participatory - poster





**City of event:** Murcia, Spain

**Date of event:** 2005

**End date:** 2005

Sancho, S.; Pinart, E.; Briz, M.; García-Gil, N.; Badia, E.; Bassols, J.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Casas, I.; Bonet, S."Reproduction in Domestic Animals, 40 (4): 408".

- 213** **Title of the work:** Improvement of sperm quality of astenotheratonecrospermic boars by filtration in neuter Sephadex columns  
**Name of the conference:** 9th Conference of the European Society for Domestic Animals Reproduction  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Murcia, Spain  
**Date of event:** 2005  
**End date:** 2005  
Bussalleu, E.; Pinart, E.; Briz, M.; Sancho, S.; García-Gil, N.; Badia, E.; Bassols, J.; Pruneda, A.; Yeste, M.; Casas, I.; Bonet, S."Reproduction in Domestic Animals, 40 (4): 370".
- 214** **Title of the work:** Assessment of the functional status of boar spermatozoa by multiple staining with fluorochromes  
**Name of the conference:** 9th Conference of the European Society for Domestic Animals Reproduction  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Murcia, Spain  
**Date of event:** 2005  
**End date:** 2005  
Pinart, E.; Bussalleu, E.; Yeste, M.; Briz, M.; García-Gil, N.; Badia, E.; Bassols, J.; Pruneda, A.; Casas, I.; Bonet, S."Reproduction in Domestic Animals, 40 (4): 356".
- 215** **Title of the work:** Effects of osmotic changes on boar sperm quality  
**Name of the conference:** 9th Conference of the European Society for Domestic Animals Reproduction  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Murcia, Spain  
**Date of event:** 2005  
**End date:** 2005  
Yeste, M.; Briz, M.; Bussalleu, E.; Pinart, E.; Sancho, S.; García-Gil, N.; Badia, E.; Bassols, J.; Pruneda, A.; Casas, I.; Bonet, S."Reproduction in Domestic Animals, 40 (4): 367".
- 216** **Title of the work:** Lectin histochemistry of the boar prostate  
**Name of the conference:** 9th Conference of the European Society for Domestic Animals Reproduction  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Murcia, Spain  
**Date of event:** 2005  
**End date:** 2005  
Badia, E.; Pinart, E.; Briz, M.; Pastor, L.M.; Sancho, S.; García-Gil, N.; Bassols, J.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Casas, I.; Bonet, S."Reproduction in Domestic Animals, 40 (4): 355".
- 217** **Title of the work:** Ultrastructure of intercellular bridges connecting male germ cells in *Sus scrofa* boars  
**Name of the conference:** 9th Conference of the European Society for Domestic Animals Reproduction  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster



**City of event:** Murcia, Spain

**Date of event:** 2005

**End date:** 2005

García-Gil, N.; Briz, M., Pinart, E.; Sancho, S.; Badia, E.; Bassols, J.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Casas, I.; Bonet, S."Reproduction in Domestic Animals, 40 (4): 351".

- 218** **Title of the work:** Cultiu de cèl·lules epitelials epididimàries de *Sus domesticus*  
**Name of the conference:** IX Jornada sobre Biologia de la Reproducció de la Societat Catalana de Biologia. Centre Mediterrani d'Investigacions Marines i Ambientals  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Spain  
**Date of event:** 2005  
**End date:** 2005  
Bassols, J.; Kádár, E.; Briz, M.; Pinart, E.; Sancho, S.; García-Gil, N.; Badia, E.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Casas, I.; Bonet, S."Actes de la IX Jornada de Biologia de la Reproducció: 105-108".
- 219** **Title of the work:** Effect of the enzymatic digestion time on the obtention of boar epididymal epithelial cell cultures  
**Name of the conference:** 15th International Congress on Animal Reproduction  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Porto Seguro, Brazil  
**Date of event:** 2004  
**End date:** 2004  
Bassols, J.; Kádár, E.; Briz, M.; Pinart, E.; Sancho, S.; Garcia-Gil, N.; Badia, E.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Bonet, S."Abstract Book - Volume 1, 159".
- 220** **Title of the work:** Effects of increasing and decreasing natural photoperiods on the semen quality of postpubertal boars  
**Name of the conference:** 15th International Congress on Animal Reproduction  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Porto Seguro, Brazil  
**Date of event:** 2004  
**End date:** 2004  
Bonet, S.; Sancho, S.; Pinart, E.; Briz, M.; Garcia-Gil, N.; Badia, E.; Bassols, J.; Kádár, E.; Pruneda, A.; Coll, M.G.; Bussalleu, E.; Yeste, M."Abstract Book - Volume 1, 207".
- 221** **Title of the work:** Glycoconjugate histochemistry of the boar bulbourethral glands  
**Name of the conference:** 15th International Congress on Animal Reproduction  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Porto Seguro, Brazil  
**Date of event:** 2004  
**End date:** 2004  
Badia, E.; Pinart, E.; Briz, M.; Pastor, L.M.; Sancho, S.; Garcia-Gil, N.; Kádár, E.; Bassols, J.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Bonet, S."Abstract Book - Volume 1, 158".
- 222** **Title of the work:** Influence of high semen-collection frequency on epididymal and ejaculated sperm morphology of boars  
**Name of the conference:** 15th International Congress on Animal Reproduction



**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Porto Seguro, Brazil

**Date of event:** 2004

**End date:** 2004

Pruneda, A.; Pinart, E.; Briz, M.; Sancho, S.; Garcia-Gil, N.; Badia, E.; Kádár, E.; Bassols, J.; Coll, M.G.; Bussalleu, E.; Yeste, M.; Bonet, S."Abstract Book - Volume 1, 206".

**223 Title of the work:** Stereologic analysisi of dark abd light Leydig cells

**Name of the conference:** 15th International Congress on Animal Reproduction

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Porto Seguro, Brazil

**Date of event:** 2004

**End date:** 2004

Briz, M.; Garcia-Gil, N.; Pinart, E.; Sancho, S.; Badia, E.; Bassols, J.; Kádár, E.; Pruneda, A.; Coll, M.G.; Bussalleu, E.; Yeste, M.; Bonet, S."Abstract Book - Volume 1, 156".

**224 Title of the work:** Effect of artifitial photoperiod on biochemical composition of the seminal plasma of boars

**Name of the conference:** 5th International Conference on Boar Semen Preservation

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Doorwerth, Holland

**Date of event:** 2003

**End date:** 2003

Pinart, E.; Sancho, S.; Briz, M.; Garcia-Gil, N.; Badia, E.; Kádár, E.; Bassols, J.; Pruneda, A.; Coll, M.G.; Bussalleu, E.; Yeste, M.; Bonet, S."Program and Abstract Book, VII-P73".

**225 Title of the work:** Effect of seasonal photoperiod on porcine semen quality

**Name of the conference:** 5th International Conference on Boar Semen Preservation

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Doorwerth, Holland

**Date of event:** 2003

**End date:** 2003

Sancho, S.; Pinart, E.; Briz, M.; Garcia, N.; Badia, E.; Kádár, E.; Bassols, J.; Pruneda, A.; Coll, M.G.; Bussalleu, E.; Yeste, M.; Bonet, S."Program and Abstract Book, VII-P74".

**226 Title of the work:** In vitro culture of boar epididymal epithelial cells

**Name of the conference:** 5th International Conference on Boar Semen Preservation

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Doorwerth, Holland

**Date of event:** 2003

**End date:** 2003

Bassols, J.; Kádár, E.; Briz, M.; Pinart, E.; Sancho, S.; Garcia, N.; Badia, E.; Pruneda, A.; Coll, M.G.; Bussalleu, E.; Yeste, M.; Bonet, S. "Program and Abstract Book, I-F5".

**227 Title of the work:** Influence of high semen collection frequency on epididymal and ejaculated sperm quality of boars

**Name of the conference:** 5th International Conference on Boar Semen Preservation



**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Doorwerth, Holland

**Date of event:** 2003

**End date:** 2003

Pruneda, A.; Pinart, E.; Briz, M.; Sancho, S.; Garcia, N.; Badia, E.; Kádár, E.; Bassols, J.; Coll, M.G.; Bussalleu, E.; Yeste, M.; Bonet, S."Program and Abstract Book, VII-F69".

**228 Title of the work:** Lecitin histochemistry of boar vesicular glands

**Name of the conference:** 5th International Conference on Boar Semen Preservation

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Doorwerth, Holland

**Date of event:** 2003

**End date:** 2003

Badia, E.; Pinart, E.; Briz, M.; Pastor, L.M.; Sancho, S.; Garcia, N.; Kádár, E.; Bassols, J.; Pruneda, A.; Coll, M.G.; Bussalleu, E.; Yeste, M.; Bonet, S."Program and Abstract Book: I-P8".

**229 Title of the work:** Spermiogenesis in healthy Landrace boars

**Name of the conference:** 5th International Conference on Boar Semen Preservation

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Doorwerth, Holland

**Date of event:** 2003

**End date:** 2003

Garcia-Gil, N.; Briz, M.; Pinart, E.; Sancho, S.; Badia, E.; Kádár, E.; Bassols, J.; Pruneda, A.; Coll, M.G.; Bussalleu, E.; Yeste, M.; Bonet, S."Program and Abstract Book, I-P9".

**230 Title of the work:** Effects of artificial photoperiod on biochemical composition of the seminal plasma of boars

**Name of the conference:** 5th International Conference on Boar Semen Preservation

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** 'Participatory - poster

**City of event:** Doorwerth, Holland

**Date of event:** 2003

**End date:** 2003

Pinart, E.; Sancho, S.; Briz, M.; Garcia, N.; Badia, E.; Kádár, E.; Bassols, J.; Pruneda, A.; Coll, M.G.; Bussalleu, E.; Yeste, M.; Bonet, S."Program and Abstract Book, VII-P73".

**231 Title of the work:** Estudi de la qualitat seminal de mascles reproductors porcins exposats als fotoperíodes estacionals

**Name of the conference:** 8a Jornada sobre Biologia de la Reproducció de la Societat Catalana de Biologia

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**City of event:** Barcelona, Spain

**Date of event:** 2003

**End date:** 2003

Sancho, S.; Pinart, E.; Briz, M.; Garcia, N.; Badia, E.; Bassols, J.; Kádár, E.; Bussalleu, E.; Yeste, M.; Bonet, S."Actes de la 8a Jornada sobre Biologia de la Reproducció (Societat Catalana de Biologia): 51-54."



- 232 Title of the work:** Evolució de les interaccions morfològiques entre les cèl·lules de Sertoli i les espermàtides al llarg de l'espermioquèsi  
**Name of the conference:** 8a Jornada sobre Biologia de la Reproducció de la Societat Catalana de Biologia  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Spain  
**Date of event:** 2003  
**End date:** 2003  
Garcia-Gil, N.; Briz, M.; Pinart, E.; Sancho, S.; Badia, E.; Kádár, E.; Bassols, J.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Bonet, S."Actes de la VIII Jornada de Biologia de la Reproducció (Societat Catalana de Biologia): 27-30".
- 233 Title of the work:** Les glàndules bulbouretrals del porc: estudi estructural i histoquímic de les lectines  
**Name of the conference:** 8a Jornada sobre Biologia de la Reproducció de la Societat Catalana de Biologia  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Spain  
**Date of event:** 2003  
**End date:** 2003  
Badia, E.; Pinart, E.; Briz, M.; Sancho, S.; Garcia, N.; Kádár, E.; Bassols, J.; Pruneda, A.; Bussalleu, E.; Yeste, M.; Bonet, S."Actes de la VIII Jornada de Biologia de la Reproducció (Societat Catalana de Biologia): 23-26".

### Works submitted to national or international seminars, workshops and/or courses

- 1 Title of the work:** Do sperm have any role beyond fertilization?  
**Name of the event:** Seminar series of the 10-year anniversary of the Young Academy of Europe.  
Organisation: Young Academy of Europe (YAE).  
**Reasons for participation:** Speaker  
**City of event:** Hessen, Germany  
**Date of event:** 27/04/2022  
**End date:** 27/04/2022
- 2 Title of the work:** Sperm cryopreservation strategies in domestic animals  
**Name of the event:** 3rd International Workshop within APM NAWA project ScienceNet Assisted  
Reproduction: Comparative aspects between Large and Small Animals  
**Reasons for participation:** Speaker  
**City of event:** Zaragoza, Spain  
**Date of event:** 12/03/2022  
**End date:** 12/03/2022
- 3 Title of the work:** Escritura Científica: comunicar mejor para avanzar nuestra Carrera  
**Name of the event:** Club de Científicos de la Fundación Rafael del Pino  
**Reasons for participation:** Speaker  
**City of event:** Madrid, Spain  
**Date of event:** 14/12/2021  
**End date:** 14/12/2021
- 4 Title of the work:** Influence of diet and photoperiod on boar sperm quality  
**Name of the event:** Foro de especialistas en Reproducción porcina - Magapor 2021  
**Reasons for participation:** Speaker



**City of event:** Zaragoza, Spain

**Date of event:** 06/10/2021

**End date:** 06/10/2021

- 5** **Title of the work:** Disminució de l'ús d'antibiòtics en el sector de la inseminació artificial en porcí  
**Name of the event:** Cooperació per a la Innovació. Resultats dels Grups Operatius 2016. Sectors ramader i forestal (codi 199059). Departament d'Agricultura, Ramaderia, Pesca i Alimentació (Generalitat de Catalunya).  
**Reasons for participation:** Speaker  
**City of event:** Cerdanyola del Vallès, Spain  
**Date of event:** 04/07/2019  
**End date:** 04/07/2019
- 6** **Title of the work:** Uso de la fotoestimulación para la mejora del esperma bovino y porcino  
**Name of the event:** Ciclo de Seminarios del Departamento de Reproducción Animal del Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria, INIA (Ministerio de Ciencia, Innovación y Universidades)  
**Type of event:** Seminar  
**Reasons for participation:** Speaker  
**City of event:** Madrid, Spain  
**Date of event:** 31/05/2019  
**End date:** 31/05/2019
- 7** **Title of the work:** Alternatives als antibiòtics per a la conservació del semen porcí  
**Name of the event:** Matins d'Innovació: reducció de l'ús d'antibiòtics en porcí. Departament d'Agricultura, Ramaderia, Pesca i Alimentació (Generalitat de Catalunya)  
**Reasons for participation:** Speaker  
**City of event:** Tàrraga, Spain  
**Date of event:** 23/05/2019  
**End date:** 23/05/2019
- 8** **Title of the work:** Quins són els avenços de la recerca en la infertilitat humana i què podem aprendre dels models animals?  
**Name of the event:** Cicle de Conferències: Descobert a Girona. Departament de Biologia, Universitat de Girona  
**Reasons for participation:** Speaker  
**City of event:** Girona, Spain  
**Date of event:** 09/11/2018  
**End date:** 09/11/2018
- 9** **Title of the work:** State-of-the-art of mammalian spermatology and future challenges  
**Name of the event:** Seminars and Conferences at the Girona Biomedical Research Institute (IdIBGi). Parc Hospitalari Martí Julià. Organisation: Girona Biomedical Research Institute (IdIBGi).  
**Reasons for participation:** Speaker  
**City of event:** Salt, Spain  
**Date of event:** 04/04/2017  
**End date:** 04/04/2017
- 10** **Title of the work:** The sperm cell: complexity within simplicity across mammalian species  
**Name of the event:** Plenary Session at Nuffield Department of Obstetrics and Gynaecology  
**Reasons for participation:** Speaker  
**City of event:** Oxford, United Kingdom



**Date of event:** 26/10/2014

**End date:** 26/10/2014

- 11 Title of the work:** Criopreservación Espermática e Inseminación Artificial Post-cervical: exportación y bancos de germoplasma.  
**Name of the event:** XXXII Congreso Anual de la Asociación Española de Porcinocultura Científica (ANAPORC)  
**Reasons for participation:** Speaker  
**City of event:** Toledo, Spain  
**Date of event:** 26/10/2011  
**End date:** 26/10/2011
- 12 Title of the work:** TechnoSperm: Centre de Biotecnologia de Reproducció Animal  
**Name of the event:** Programa de conferències setmanals del Departament de Biologia Cel·lular, Fisiologia i Immunologia de la Universitat Autònoma de Barcelona  
**Reasons for participation:** Speaker  
**City of event:** Bellaterra, Spain  
**Date of event:** 22/10/2010  
**End date:** 22/10/2010
- 13 Title of the work:** La biotechnologie de la reproduction et les techniques de l'analyse séminale chez le porc  
**Name of the event:** Forum technique: La reproduction porcine de demain. 25th Anniversary Cobiporc  
**Reasons for participation:** Speaker  
**City of event:** Saint-Gilles, France  
**Date of event:** 03/06/2010  
**End date:** 03/06/2010

### Other dissemination activities

- 1 Name of the event:** Sperm odyssey: conquering the oocyte (3 h). 15th European Researchers' Night at University of Girona (Spain) (Diffusion of Science (Work, Science Week events))  
**Type of event:** Diffusion of Science (Work, Science Week events) **Geographical area:** National  
**Date of event:** 24/09/2021  
**Organising entity:** University of Girona
- 2 Name of the event:** Workshop of Scientific Dissemination at TechnoSperm (2 h). 11th PreBat Campus (University of Girona, Spain). Title: 'TechnoSperm: Research in Reproductive Biotechnology'. (Diffusion of Science (Work, Science Week events))  
**Type of event:** Diffusion of Science (Work, Science Week events) **Geographical area:** National  
**Date of event:** 02/07/2021  
**Organising entity:** University of Girona
- 3 Name of the event:** Research at TechnoSperm Lab (2 h). 14th European Researchers' Night at University of Girona (Spain) (Diffusion of Science (Work, Science Week events))  
**Type of event:** Diffusion of Science (Work, Science Week events) **Geographical area:** National  
**Date of event:** 27/11/2020  
**Organising entity:** University of Girona

- 4** **Name of the event:** Workshop of Scientific Dissemination at TechnoSperm (2 h). 13th Young Research Campus (University of Girona, Spain). Title: 'Assisted Reproductive Technology: In vitro Fertilization (IVF) and gamete micromanipulation'. (Diffusion of Science (Work, Science Week events))  
**Type of event:** Diffusion of Science (Work, Science Week events) **Geographical area:** National  
**Date of event:** 16/07/2020  
**Organising entity:** University of Girona
- 5** **Name of the event:** Workshop of Scientific Dissemination at TechnoSperm (2 h). 10th PreBat Campus (University of Girona, Spain). Title: 'The mammalian sperm cell: cryopreservation and comparison between species'. (Diffusion of Science (Work, Science Week events))  
**Type of event:** Diffusion of Science (Work, Science Week events) **Geographical area:** National  
**Date of event:** 09/07/2020  
**Organising entity:** University of Girona
- 6** **Name of the event:** Sperm odyssey: conquering the oocyte (4 h). 13th European Researchers' Night at University of Girona (Spain) (Diffusion of Science (Work, Science Week events))  
**Type of event:** Diffusion of Science (Work, Science Week events) **Geographical area:** National  
**Date of event:** 27/09/2019  
**Organising entity:** University of Girona
- 7** **Name of the event:** Workshop of Scientific Dissemination at TechnoSperm (2.5 h). 9th PreBat Campus (University of Girona, Spain) (Diffusion of Science (Work, Science Week events))  
**Type of event:** Diffusion of Science (Work, Science Week events) **Geographical area:** National  
**Date of event:** 27/06/2019  
**Organising entity:** University of Girona
- 8** **Name of the event:** Workshop of Scientific Dissemination at TechnoSperm (2.5 h). 8th PreBat Campus (University of Girona, Spain) (Diffusion of Science (Work, Science Week events))  
**Type of event:** Diffusion of Science (Work, Science Week events) **Geographical area:** National  
**Date of event:** 26/06/2018  
**Organising entity:** University of Girona
- 9** **Name of the event:** Acció preuniversitària, extensió universitària i divulgació de la recerca del Centre TECNIO en Biotecnologia de la Reproducció TechnoSperm durant l'any 2018 (Funded by Social Council, University of Girona) (Diffusion of Science (Work, Science Week events))  
**Type of event:** Diffusion of Science (Work, Science Week events) **Geographical area:** Local  
**Date of event:** 01/01/2018  
**Organising entity:** University of Girona
- 10** **Name of the event:** Increment de la difusió de la investigació en Biotecnologia de la Reproducció Animal a les Comarques Gironines (Funded by Social Council, University of Girona) (Diffusion of Science (Work, Science Week events))  
**Type of event:** Diffusion of Science (Work, Science Week events) **Geographical area:** Local  
**Date of event:** 01/01/2016  
**Organising entity:** University of Girona



- 11 Name of the event:** TechnoSperm, la Biotecnologia de la Reproducció Animal a l'abast de la Societat (Funded by Social Council, Univerisity of Girona) (Diffusion of Science (Work, Science Week events))  
**Type of event:** Diffusion of Science (Work, Science Week events) **Geographical area:** Local  
**Date of event:** 01/01/2014  
**Organising entity:** University of Girona

## R&D management and participation in scientific committees

### Scientific, technical and/or assessment committees

- 1 Committee title:** Chair, Evaluation PhD Committee; Student: Tania García Martínez; Supervisor: Teresa Mogas Amorós.  
**Affiliation entity:** Universitat Autònoma de Barcelona (UAB)  
**Start-End date:** 27/09/2021 - 27/09/2021
- 2 Committee title:** Secretary, Evaluation Committee for MSc Theses (MSc Course in Molecular Biology and Biomedicine, Call September 2021)  
**Affiliation entity:** Universitat de Girona (UdG)  
**Start-End date:** 13/09/2021 - 13/09/2021
- 3 Committee title:** Member, Evaluation Committee for BSc Theses (BSc in Biotechnology, Call July 2021)  
**Affiliation entity:** Universitat de Girona (UdG)  
**Start-End date:** 19/07/2021 - 23/07/2021
- 4 Committee title:** Member, Evaluation Committee for BSc Theses (BSc in Biology, Call July 2021)  
**Affiliation entity:** Universitat de Girona (UdG)  
**Start-End date:** 19/07/2021 - 23/07/2021
- 5 Committee title:** Member, Evaluation Committee for Research Projects of Secondary Schools (Call 2021)  
**Affiliation entity:** Consell Social Universitat de Girona  
**Start-End date:** 01/04/2021 - 23/05/2021
- 6 Committee title:** Secretary, Evaluation PhD Committee; Student: Ferran Comas Vila; Supervisors: José María Moreno Navarrete and José Manuel Fernández Real.  
**Affiliation entity:** Universitat de Girona  
**Start-End date:** 14/05/2021 - 14/05/2021
- 7 Committee title:** Member, Evaluation PhD Committee; Student: Lorena Concepción Padilla García; Supervisors: Jordi Roca Aleu, Inmaculada Parrilla Riera (2021)  
**Affiliation entity:** Universidad de Murcia (UM)  
**Start-End date:** 25/03/2021 - 25/03/2021
- 8 Committee title:** Member, Evaluation PhD Committee; Student: Sabrina Gacem; Supervisors: Jordi Miró Roig, Carles Soler Vázquez (2021)  
**Affiliation entity:** Universitat Autònoma de Barcelona (UAB)  
**Start-End date:** 16/02/2021 - 16/02/2021



- 9** **Committee title:** External examiner, Evaluation PhD Committee; Student: Shafaq Asif; Supervisors: Augusto Carluccio, Domenico Robbe, Maria Elena Dell'Aquila, Fiorenza Minervini, Bernard A.J. Roelen and Alessandro Fantini.  
**Affiliation entity:** Università di Teramo  
**Start-End date:** 07/01/2021 - 31/01/2021
- 10** **Committee title:** Secretary, Evaluation PhD Committee; Student: Jesús Martínez Hernández; Supervisors: Luis Miguel Pastor García, Concepción Ferrer Cazorla (2020)  
**Affiliation entity:** Universidad de Murcia (UM)  
**Start-End date:** 17/11/2020 - 17/11/2020
- 11** **Committee title:** Member, Evaluation Committee for MSc Theses (MSc Course in Food Biotechnology, Call September 2019)  
**Affiliation entity:** Universitat de Girona (UdG)  
**Start-End date:** 25/09/2020 - 25/09/2020
- 12** **Committee title:** Member, Evaluation Committee for MSc Theses (School of Specialization in Reproductive Pathophysiology, Call September 2020)  
**Affiliation entity:** Università di Teramo  
**Start-End date:** 19/09/2020 - 19/09/2020
- 13** **Committee title:** External examiner, Evaluation PhD Committee; Student: Kelsey Pool; Supervisors: Simon de Graaf; Jessica Rickard  
**Affiliation entity:** University of Sydney  
**Start-End date:** 01/07/2020 - 31/08/2020
- 14** **Committee title:** Member, Evaluation Committee for BSc Theses (BSc in Biotechnology, Call July 2020)  
**Affiliation entity:** Universitat de Girona (UdG)  
**Start-End date:** 27/07/2020 - 27/07/2020
- 15** **Committee title:** Member, Evaluation Committee for BSc Theses (BSc in Biology, Call July 2020)  
**Affiliation entity:** Universitat de Girona (UdG)  
**Start-End date:** 27/07/2020 - 27/07/2020
- 16** **Committee title:** Member, Board of Directors  
**Affiliation entity:** Association for Applied Animal Andrology (AAAA)  
**Start-End date:** 01/07/2018 - 01/07/2020
- 17** **Committee title:** Secretary, Evaluation Committee for MSc Theses (MSc Course in Food Biotechnology, Call September 2019)  
**Affiliation entity:** Universitat de Girona (UdG)  
**Start-End date:** 13/09/2019 - 13/09/2019
- 18** **Committee title:** Member, Evaluation PhD Committee; Student: Bruna Resende Chaves (2019)  
**Affiliation entity:** Universidade Federal de Lavras (UFLA)  
**Start-End date:** 09/07/2019 - 09/07/2019
- 19** **Committee title:** Academic Editor (Cell Biology), Scientific Reports  
**Affiliation entity:** Editorial Springer Nature (Nature Research)  
**Start-End date:** 22/07/2016 - 06/07/2019



- 20** **Committee title:** Member, Evaluation PhD Committee; Student: Julián Alonso Valencia Giraldo; Supervisor: Francisco Javier Henao Uribe (2019)  
**Affiliation entity:** Universidad de Caldas  
**Start-End date:** 26/06/2019 - 26/06/2019
- 21** **Committee title:** Member, Evaluation PhD Committee; Student: Barbara Azevedo Pereira (2018)  
**Affiliation entity:** Universidade Federal de Lavras (UFLA)  
**Start-End date:** 21/08/2018 - 21/08/2018
- 22** **Committee title:** Member, Evaluation Committee for MSc Theses (Postgraduate in Animal Reproduction; Student: Ana Paula Pinoti Pavaneli; 2018)  
**Affiliation entity:** Universidade de Sao Paulo  
**Start-End date:** 03/08/2018 - 03/08/2018
- 23** **Committee title:** Editorial Board Member, Animal Reproduction Science  
**Affiliation entity:** Elsevier Editorial  
**Start-End date:** 01/05/2015 - 31/07/2018
- 24** **Committee title:** Member, Evaluation Committee for BSc Theses (BSc in Biotechnology, Call July 2018)  
**Affiliation entity:** Universitat de Girona (UdG)  
**Start-End date:** 05/07/2018 - 05/07/2018
- 25** **Committee title:** Member, Evaluation Committee for BSc Theses (BSc in Biology, Call July 2018)  
**Affiliation entity:** Universitat de Girona (UdG)  
**Start-End date:** 04/07/2018 - 04/07/2018
- 26** **Committee title:** Member, Local Organising Committee (14th International Conference of the Spanish Association for Animal Reproduction; AERA)  
**Affiliation entity:** Asociación Española de Reproducción Animal  
**Start-End date:** 01/10/2016 - 31/10/2017
- 27** **Committee title:** Member, Evaluation Committee for MSc Theses (School of Specialization in Reproductive Pathophysiology, Call October 2017)  
**Affiliation entity:** Università di Teramo  
**Start-End date:** 27/10/2017 - 27/10/2017
- 28** **Committee title:** Chair, Evaluation Committee for BSc Theses (BSc in Biology, Call September 2017)  
**Affiliation entity:** Universitat de Girona (UdG)  
**Start-End date:** 06/09/2017 - 06/09/2017
- 29** **Committee title:** Chair, Evaluation Committee for BSc Theses (BSc in Biology, Call September 2017)  
**Affiliation entity:** Universitat de Girona (UdG)  
**Start-End date:** 04/09/2017 - 04/09/2017
- 30** **Committee title:** Member, Evaluation Committee for BSc Theses (BSc in Biology, Call July 2017)  
**Affiliation entity:** Universitat de Girona (UdG)  
**Start-End date:** 12/07/2017 - 12/07/2017
- 31** **Committee title:** Member, Evaluation Committee for BSc Theses (BSc in Biology, Call September 2016)  
**Affiliation entity:** Universitat de Girona (UdG)  
**Start-End date:** 14/09/2016 - 14/09/2016

- 32** **Committee title:** Member, Evaluation Committee for BSc Theses (BSc in Biotechnology, Call September 2016)  
**Affiliation entity:** Universitat de Girona (UdG)  
**Start-End date:** 06/09/2016 - 06/09/2016
- 33** **Committee title:** Member, Comitè d'Avaluació Interna de la Qualitat dels Estudis de Biologia  
**Affiliation entity:** Universitat de Girona (UdG)  
**Start-End date:** 1999 - 1999
- 34** **Committee title:** Member, Evaluation PhD Committee; Student: Erwin Luis Muñoz Acuña; Supervisor: Maria Elena Arias Cea (2020)  
**Affiliation entity:** Universidad de la Frontera  
**Start date:** 15/09/2020
- 35** **Committee title:** Member, Evaluation PhD Committee; Student: Ana Paula Pinoti Pavaneli. Supervisor: André Furungen Cesar de Andrade (2020)  
**Affiliation entity:** Universidade de Sao Paulo  
**Start date:** 01/08/2020
- 36** **Committee title:** Section Editor (Cell Biology), Biology  
**Affiliation entity:** MDPI (Multidisciplinary Digital Publishing Institute)  
**Start date:** 20/01/2020
- 37** **Committee title:** Topic Editor, International Journal of Molecular Sciences  
**Affiliation entity:** MDPI (Multidisciplinary Digital Publishing Institute)  
**Start date:** 10/12/2019
- 38** **Committee title:** Expert evaluator for Research Grants (Competitive projects)  
**Affiliation entity:** National Sciences and Engineering Research Council of Canada (NSERC)  
**Start date:** 01/12/2019
- 39** **Committee title:** Senior Editor (Cell Biology), Scientific Reports  
**Affiliation entity:** Editorial Springer Nature (Nature Research)  
**Start date:** 07/07/2019
- 40** **Committee title:** Secretary, Evaluation PhD Committee; Student: Sandra Soto Heras; Supervisor: Maria Teresa Paramio Nieto (2019)  
**Affiliation entity:** Universitat Autònoma de Barcelona (UAB)  
**Start date:** 2019
- 41** **Committee title:** Member, Evaluation Committee for Research Projects of Secondary Schools (Call 2019)  
**Affiliation entity:** Consell Social Universitat de Girona  
**Start date:** 2019
- 42** **Committee title:** Secretary, Evaluation Committee for MSc Theses (MSc Course in Food Biotechnology, Call September 2018)  
**Affiliation entity:** Universitat de Girona (UdG)  
**Start date:** 14/09/2018



- 43** **Committee title:** Associate Editor, Animal Reproduction Science  
**Affiliation entity:** Elsevier Editorial  
**Start date:** 01/08/2018
- 44** **Committee title:** Editorial Board Member, Cryobiology  
**Affiliation entity:** Elsevier Editorial  
**Start date:** 13/07/2018
- 45** **Committee title:** Secretary, Evaluation Committee for MSc Theses (MSc Course in Molecular Biology and Biomedicine, Call July 2018)  
**Affiliation entity:** Universitat de Girona (UdG)  
**Start date:** 11/07/2018
- 46** **Committee title:** External examiner; Student: Ana Rita Piras; Supervisors: Luisa Bogliolo, Maria Teresa Paramio Nieto (2018)  
**Affiliation entity:** Università degli Studi de Sassari  
**Start date:** 2018
- 47** **Committee title:** Expert evaluator for Research Grants (MSCA Cofund)  
**Affiliation entity:** The Agriculture and Food Development Authority TEAGASC  
**Start date:** 2018
- 48** **Committee title:** Member, Selection Committee (Ramon y Cajal Fellowship)  
**Affiliation entity:** Agencia Nacional de Evaluación y Prospectiva (ANEP)  
**Start date:** 2018
- 49** **Committee title:** Member, Evaluation Committee for Research Projects of Secondary Schools (Call 2018)  
**Affiliation entity:** Consell Social Universitat de Girona  
**Start date:** 2018
- 50** **Committee title:** Chair, Evaluation Committee for MSc Theses (MSc Course in Food Biotechnology, Call September 2017)  
**Affiliation entity:** Universitat de Girona (UdG)  
**Start date:** 13/09/2017
- 51** **Committee title:** Associate Editor, Frontiers in Endocrinology  
**Affiliation entity:** Frontiers  
**Start date:** 07/07/2017
- 52** **Committee title:** Associate Editor, Frontiers in Physiology  
**Affiliation entity:** Frontiers  
**Start date:** 07/07/2017
- 53** **Committee title:** External examiner, Evaluation PhD Committee; Student: Hazem Al Mhanna; Supervisor: Colm Reid (2017)  
**Affiliation entity:** University College Dublin  
**Start date:** 2017
- 54** **Committee title:** Expert evaluator for Research Grants (Competitive projects)  
**Affiliation entity:** The Lalor Foundation  
**Start date:** 2017



- 55** **Committee title:** Chair, Evaluation PhD Committee; Student: Uchebuchi Ike Osuagwu; Supervisor: María Jesús Palomo Peiró  
**Affiliation entity:** Universitat Autònoma de Barcelona (UAB)  
**Start date:** 2017
- 56** **Committee title:** Member, Evaluation Committee for Research Projects of Secondary Schools (Call 2017)  
**Affiliation entity:** Consell Social Universitat de Girona  
**Start date:** 2017
- 57** **Committee title:** Member, Association of Embryo Technology in Europe (AETE)  
**Affiliation entity:** Association of Embryo Technology in Europe (AETE)  
**Start date:** 01/09/2016
- 58** **Committee title:** Member, International Advisory Board  
**Affiliation entity:** International Conference on Animal Reproduction  
**Start date:** 01/07/2016
- 59** **Committee title:** Associate Editor, Reproduction, Fertility and Development  
**Affiliation entity:** CSIRO Publishing  
**Start date:** 11/05/2016
- 60** **Committee title:** Editorial Board Member, Theriogenology  
**Affiliation entity:** Elsevier Editorial  
**Start date:** 01/03/2016
- 61** **Committee title:** Member, European Society for Domestic Animal Reproduction (ESDAR)  
**Affiliation entity:** European Society for Domestic Animal Reproduction (ESDAR)  
**Start date:** 16/02/2016
- 62** **Committee title:** Member, Spanish Association for Animal Reproduction (AERA)  
**Affiliation entity:** Asociación Española de Reproducción Animal  
**Start date:** 01/01/2016
- 63** **Committee title:** Chair, Evaluation PhD Committee; Student: Maria Sabés Alsina; Supervisor: Manel López Béjar (2016)  
**Affiliation entity:** Universitat Autònoma de Barcelona (UAB)  
**Start date:** 2016
- 64** **Committee title:** Member, Evaluation PhD Committee; Student: Elvira Matilla Pinto; Supervisor: Beatriz Macías García (2016)  
**Affiliation entity:** Universidad de Extremadura (UEX)  
**Start date:** 2016
- 65** **Committee title:** Expert evaluator for Research Grants (Competitive projects)  
**Affiliation entity:** National Science Centre, Poland  
**Start date:** 2016
- 66** **Committee title:** Member, International Organising Committee (IOC)  
**Affiliation entity:** International Conference on Boar Semen Preservation (ICBSP)  
**Start date:** 01/08/2015



- 67** **Committee title:** Member, European Federation of Animal Science (EAAP)  
**Affiliation entity:** European Federation of Animal Science  
**Start date:** 01/04/2015
- 68** **Committee title:** Member, Evaluation PhD Committee; Student: Jon Romero Aguirregomezcorra;  
Supervisors: Pilar Coy, Carmés Matás (2015)  
**Affiliation entity:** Universidad de Murcia (UM)  
**Start date:** 2015
- 69** **Committee title:** Extenal examiner, Evaluation Panel of PhD Theses; Student: Carolina Luna Valiente;  
Supervisors: Rosaura Pérez-Pé, María Teresa Muiño Blanco (2015)  
**Affiliation entity:** Universidad de Zaragoza  
**Start date:** 2015
- 70** **Committee title:** Expert evaluator for Research Grants (Competitive projects)  
**Affiliation entity:** Agencia Nacional de Evaluación y Prospectiva (ANEP)  
**Start date:** 2015
- 71** **Committee title:** Expert evaluator for Research Grants (Competitive projects)  
**Affiliation entity:** Ministry of Education, Youth and Sports, Czech Republic  
**Start date:** 2015
- 72** **Committee title:** Member, Evaluation PhD Committee; Student: Juan Carlos García García; Supervisors:  
Beatriz Alegre, Rodrigo Manjarín Arredondo, Juan Carlos Domínguez-Fernández de Tejerina (2014)  
**Affiliation entity:** Universidad de León  
**Start date:** 2014
- 73** **Committee title:** Secretary, Evaluation PhD Committee; Student: David Martín Hidago; Supervisors: Luis J.  
García Marín, María Julia Bragado, Maria Cruz Gil (2013)  
**Affiliation entity:** Universidad de Extremadura (UEX)  
**Start date:** 2013
- 74** **Committee title:** Member, Evaluation PhD Committee; Student: Rodrigo Manjarín Arredondo; Supervisors:  
Beatriz Alegre, Juan Carlos Domínguez-Fernández de Tejerina (2013)  
**Affiliation entity:** Universidad de León  
**Start date:** 2013
- 75** **Committee title:** Expert evaluator for Research Grants (Competitive projects)  
**Affiliation entity:** CONACYT  
**Start date:** 2012
- 76** **Committee title:** Member, Evaluation PhD Committee; Student: Bladimir Cordoba, Supervisor: Teresa  
Mogas (2011)  
**Affiliation entity:** Universitat Autònoma de Barcelona (UAB)  
**Start date:** 2011
- 77** **Committee title:** Secretary, Evaluation Committee for MSc Theses (MSc Course in Food Biotechnology,  
Call September 2010)  
**Affiliation entity:** Universitat de Girona (UdG)  
**Start date:** 15/09/2010

- 78** **Committee title:** Secretary, Evaluation Committee for MSc Theses (MSc Course in Food Biotechnology, Call June 2010)  
**Affiliation entity:** Universitat de Girona (UdG)  
**Start date:** 30/06/2010
- 79** **Committee title:** Member, Evaluation Committee for Research Projects of Secondary Schools (Call 2010)  
**Affiliation entity:** Consell Social Universitat de Girona  
**Start date:** 2010
- 80** **Committee title:** Member, Evaluation Committee for Research Projects of Secondary Schools (Call 2009)  
**Affiliation entity:** Consell Social Universitat de Girona  
**Start date:** 2009

## R&D management

- 1** **Name of the activity:** Director and Principal Investigator, TechnoSperm, University of Girona (2017-present)  
**Start date:** 2017
- 2** **Name of the activity:** Director of Science, TechnoSperm, University of Girona (2016-2017)  
**Start date:** 2016
- 3** **Name of the activity:** Head of the Cell Biology Unit, Department of Biology, University of Girona (2016-2020)  
**Start date:** 2016
- 4** **Name of the activity:** Director of Science, TechnoSperm, University of Girona (2008-2010)  
**Start date:** 2008

## Evaluation and revision of R&D projects and articles

- 1** **Name of the activity:** Expert reviewer for the 49th Annual Conference of the International Embryo Transfer Society (IETS; Lima, Peru; 16-19 January, 2023)  
**Entity where activity was carried out:** International Embryo Transfer Society (IETS)  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start-End date:** 29/07/2022 - 15/09/2022
- 2** **Name of the activity:** Expert reviewer for the 59th Annual Meeting of the Society for Cryobiology (Cryo2022; Dublin, Ireland; 19-22 July 2022)  
**Entity where activity was carried out:** Society for Cryobiology (SfC)  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start-End date:** 11/02/2022 - 30/06/2022



- 3** **Name of the activity:** Expert reviewer for the 58th Annual Meeting of the Society for Cryobiology (Cryo2021; Online edition; 20-23 July 2021)  
**Entity where activity was carried out:** Society for Cryobiology (SfC)  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start-End date:** 15/03/2021 - 20/06/2021
- 4** **Name of the activity:** Expert reviewer for the 57th Annual Meeting of the Society for Cryobiology (Cryo2020; Chicago, USA/Online edition; 21-24 July 2020)  
**Entity where activity was carried out:** Society for Cryobiology (SfC)  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start-End date:** 01/04/2020 - 30/06/2020
- 5** **Name of the activity:** Reviewer for 'Ecology Letters' (Journal indexed in JCR/SCI). Editor: Peter H. Thrall.  
**Entity where activity was carried out:** Wiley  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 12/12/2022
- 6** **Name of the activity:** Reviewer for 'Reproductive Medicine and Biology' (Journal indexed in JCR/SCI). Editor: N. Sugino.  
**Entity where activity was carried out:** Wiley  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 15/08/2022
- 7** **Name of the activity:** Expert evaluator for the Fund for Scientific Research (F.R.S.-FNRS), Belgium  
**Entity where activity was carried out:** Fund for Scientific Research (F.R.S.-FNRS), Belgium  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 01/08/2022
- 8** **Name of the activity:** Reviewer for 'Folia Biologica (Krakow)' (Journal indexed in JCR/SCI). Editor: T. Zima.  
**Entity where activity was carried out:** Polish Academy of Sciences  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 20/04/2022
- 9** **Name of the activity:** Reviewer for 'WIREs Mechanisms of Disease' (Journal indexed in JCR/SCI). Executive Editor: J. Lawler.  
**Entity where activity was carried out:** Wiley  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 10/04/2022
- 10** **Name of the activity:** Expert evaluator for the Swiss National Science Foundation (SNSF), Switzerland  
**Entity where activity was carried out:** Swiss National Science Foundation (SNSF), Switzerland  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 28/02/2022

- 11 Name of the activity:** Reviewer for 'Biomedicines' (Journal indexed in JCR/SCI). Editor: S.A. Mousa.  
**Entity where activity was carried out:** Multidisciplinary Digital Publishing Institute (MDPI)  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 25/09/2021
- 12 Name of the activity:** Reviewer for 'Biological Research' (Journal indexed in JCR/SCI). Editor: M.J. Santos.  
**Entity where activity was carried out:** BioMed Central  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 21/09/2021
- 13 Name of the activity:** Reviewer for 'Journal of Equine Veterinary Science' (Journal indexed in JCR/SCI). Editor: E.L. Squires.  
**Entity where activity was carried out:** Elsevier  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 20/08/2021
- 14 Name of the activity:** Reviewer for 'Frontiers in Genetics' (Journal indexed in JCR/SCI). Editor: W.C. Cho.  
**Entity where activity was carried out:** Frontiers Media  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 20/08/2021
- 15 Name of the activity:** Reviewer for 'Research in Veterinary Science' (Journal indexed in JCR/SCI). Editor: P. Pasquali.  
**Entity where activity was carried out:** Elsevier  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 15/08/2021
- 16 Name of the activity:** Expert evaluator for the Ministry of Science and Technology (MOST), Israel  
**Entity where activity was carried out:** Ministry of Science and Technology, Israel  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 01/08/2021
- 17 Name of the activity:** Reviewer for 'Health Science Reports' (Journal indexed in WoS/ESCI). Editor: A. García-Basteiro.  
**Entity where activity was carried out:** Wiley  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 20/07/2021
- 18 Name of the activity:** Reviewer for 'Open Life Sciences' (Journal indexed in SCI/JCR). Editors: T. Litman, A. Cifuentes and Y. Roupael.  
**Entity where activity was carried out:** De Gruyter  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International

**Start date:** 17/07/2021

- 19 Name of the activity:** Reviewer for 'Computer Methods in Biomechanics and Biomedical Engineering' (Journal indexed in JCR/SCI). Editor: J.M.R.S. Tavares.  
**Entity where activity was carried out:** Taylor & Francis  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 01/07/2021
- 20 Name of the activity:** Reviewer for 'Frontiers in Molecular Biosciences' (Journal indexed in JCR/SCI). Editor: A. Pastore.  
**Entity where activity was carried out:** Frontiers Media  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 20/06/2021
- 21 Name of the activity:** Reviewer for 'Free Radical Research' (Journal indexed in SCI/JCR). Editor: K. Uchida.  
**Entity where activity was carried out:** Taylor & Francis  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 20/06/2021
- 22 Name of the activity:** Reviewer for 'All Life' (Journal indexed in JCR/SCI). Editor: A. Abderrahmani.  
**Entity where activity was carried out:** Taylor & Francis  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 15/05/2021
- 23 Name of the activity:** Reviewer for 'Current Biology' (Journal indexed in JCR/SCI). Editor: G. North.  
**Entity where activity was carried out:** Cell Press  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 12/05/2021
- 24 Name of the activity:** Reviewer for 'Animal Biotechnology' (Journal indexed in JCR/SCI). Editor: T. Collares.  
**Entity where activity was carried out:** Taylor & Francis  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 03/05/2021
- 25 Name of the activity:** Reviewer for 'Reproduction and Fertility' (Journal indexed in JCR/SCI). Editors: A. Horne and N. Spears.  
**Entity where activity was carried out:** Bioscientifica Ltd.  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 01/05/2021
- 26 Name of the activity:** Reviewer for 'Redox Biology' (Journal indexed in JCR/SCI). Editors: T. Grune and C. Kevil.  
**Entity where activity was carried out:** Elsevier

**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 12/01/2021

- 27** **Name of the activity:** Reviewer for 'IEEE Access' (Journal indexed in JCR/SCI). Editor: D. Abbott.  
**Entity where activity was carried out:** Institute of Electrical and Electronics Engineers Inc.  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 22/12/2020
- 28** **Name of the activity:** Reviewer for 'Communications in Biology' (Journal indexed in JCR/SCI). Editor: B. LaFlamme.  
**Entity where activity was carried out:** Nature Publishing Group  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 10/12/2020
- 29** **Name of the activity:** Reviewer for 'Journal of Assisted Reproduction and Genetics' (Journal indexed in JCR/SCI). Editor: D.F. Albertini.  
**Entity where activity was carried out:** Springer  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 18/11/2020
- 30** **Name of the activity:** Expert evaluator for the Dutch Research Council (NWO; Ministry of Education, Culture and Science, The Netherlands)  
**Entity where activity was carried out:** Ministry of Education, Culture and Science, The Netherlands  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 24/10/2020
- 31** **Name of the activity:** Reviewer for 'Veterinary Research Communications' (Journal indexed in JCR/SCI). Editor: R.G. Dalziel.  
**Entity where activity was carried out:** Springer  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 06/10/2020
- 32** **Name of the activity:** Reviewer for 'International Journal of Molecular Sciences' (Journal indexed in JCR/SCI). Editor: M. Battino.  
**Entity where activity was carried out:** Multidisciplinary Digital Publishing Institute (MDPI)  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 21/09/2020
- 33** **Name of the activity:** Reviewer for 'Frontiers in Veterinary Science' (Journal indexed in JCR/SCI). Editor: A.M. Pérez.  
**Entity where activity was carried out:** Frontiers Media  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 15/09/2020



- 34** **Name of the activity:** Reviewer for 'Biology' (Journal indexed in JCR/SCI). Editor-in-Chief: C.O'Callaghan.  
**Entity where activity was carried out:** Multidisciplinary Digital Publishing Institute (MDPI)  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 01/08/2020
- 35** **Name of the activity:** Reviewer for 'International Journal of Environmental Research and Public Health' (Journal indexed in JCR/SCI). Editor: P.B. Tchounwou.  
**Entity where activity was carried out:** Multidisciplinary Digital Publishing Institute (MDPI)  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 20/07/2020
- 36** **Name of the activity:** Expert evaluator for the Biotechnology and Biological Sciences Research Council (BRSC), United Kingdom  
**Entity where activity was carried out:** UK Research and Innovation (UKRI), UK  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 23/06/2020
- 37** **Name of the activity:** Reviewer for 'Animal Reproduction' (Journal indexed in SCI/JCR). Editors: C.E. Ambrósio and F. Percin.  
**Entity where activity was carried out:** Colégio Brasileiro de Reprodução Animal (CBRA)  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 19/10/2017
- 38** **Name of the activity:** Expert evaluator for the Medical Research Council (MRC), United Kingdom  
**Entity where activity was carried out:** UK Research and Innovation (UKRI), UK  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 26/06/2017
- 39** **Name of the activity:** Reviewer for 'Andrologia' (Journal indexed in JCR/SCI). Editors: W.B. Schill and R. Henkel.  
**Entity where activity was carried out:** Wiley  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 09/01/2017
- 40** **Name of the activity:** Reviewer for 'Animal' (Journal indexed in JCR/SCI). Editor: I. Ortigues-Marty.  
**Entity where activity was carried out:** Cambridge University Press  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** International  
**Start date:** 07/11/2016
- 41** **Name of the activity:** Reviewer for 'Andrology' (Journal indexed in JCR/SCI). Editors: D.T. Carell and M. Simoni.  
**Entity where activity was carried out:** Wiley  
**Type of activity:** Review of articles in scientific or technological journals

**Geographical area:** International

**Start date:** 16/11/2015

**42 Name of the activity:** Reviewer for 'Reproduction in Domestic Animals' (Journal indexed in JCR/SCI).  
Editor: H. Rodríguez-Martínez.

**Entity where activity was carried out:** Wiley

**Type of activity:** Review of articles in scientific or technological journals

**Geographical area:** International

**Start date:** 26/10/2013

**43 Name of the activity:** Reviewer for 'Anatomia, Histologia, Embryologia' (Journal indexed in JCR/SCI).  
Editor: F. Sinowatz.

**Entity where activity was carried out:** Wiley

**Type of activity:** Review of articles in scientific or technological journals

**Geographical area:** International

**Start date:** 28/05/2010

## Other achievements

### Stays in public or private R&D centres

**1 Entity:** Nuffield Department of Obstetrics and Gynaecology

**City of entity:** Oxford, United Kingdom

**Start date:** 2014

**Duration:** 2 years

**Goals of the stay:** Post-doctoral

**Provable tasks:** Oocyte activation and human infertility

**2 Entity:** Faculty of Veterinary Medicine, Autonomous University of Barcelona

**City of entity:** Bellaterra (Cerdanyola), Spain

**Start date:** 2011

**Duration:** 3 years

**Goals of the stay:** Post-doctoral

**Provable tasks:** Animal Reproduction

**3 Entity:** Institute of Zoology, Zoological Society of London (ZSL)

**City of entity:** London, United Kingdom

**Start date:** 2007

**Duration:** 6 months

**Goals of the stay:** \*\*Pre-Doctoral - Supervisors: Lloyd, R.E.; Holt, W.V.

**Provable tasks:** RNAi and gene expression

**4 Entity:** Institute of Zoology, Zoological Society of London (ZSL); Royal Veterinary College

**City of entity:** London, United Kingdom

**Start date:** 2006

**Duration:** 6 months

**Goals of the stay:** \*\*Pre-Doctoral - Supervisor: Holt, W.V.

**Provable tasks:** Sperm-oviduct interactions

**5 Entity:** Faculty of Veterinary Medicine, University of Zaragoza

**City of entity:** Zaragoza, Spain

**Start date:** 2005

**Duration:** 1 month

**Goals of the stay:** \*\*Pre-Doctoral - Supervisors: Muiño, T.; Cebrián-Pérez, J.A.

**Provable tasks:** Sperm capacitation

- 6** **Entity:** Faculty of Veterinary Medicine, University of Murcia  
**City of entity:** Murcia, Spain  
**Start date:** 2005 **Duration:** 1 month  
**Goals of the stay:** \*\*Pre-Doctoral - Supervisor: Coy, P.  
**Provable tasks:** Cell Culture
- 7** **Entity:** Faculty of Veterinary Medicine, Autonomous University of Barcelona  
**City of entity:** Bellaterra (Cerdanyola), Spain  
**Start date:** 2004 **Duration:** 2 months  
**Goals of the stay:** \*\*Pre-Doctoral - Supervisor: Rodríguez-Gil, J.E.  
**Provable tasks:** Sperm washing through density gradients
- 8** **Entity:** Faculty of Veterinary Medicine, Autonomous University of Barcelona  
**City of entity:** Bellaterra (Cerdanyola), Spain  
**Start date:** 2003 **Duration:** 3 months  
**Goals of the stay:** \*\*Pre-Doctoral - Supervisor: Rodríguez-Gil, J.E.  
**Provable tasks:** Sperm physiology

### Scientific societies and professional associations

- 1** **Name of the society:** Fellow of The Royal Society of Medicine (RSM, UK)  
**Affiliation entity:** Royal Society of Medicine (RSM, UK)  
**Start date:** 01/02/2021
- 2** **Name of the society:** Member, The Royal Society of Biology (MRSB, UK)  
**Affiliation entity:** Royal Society of Biology (RSB, UK)  
**Start date:** 01/10/2020
- 3** **Name of the society:** Member, European Society of Human Reproduction and Embryology (ESHRE)  
**Affiliation entity:** European Society of Human Reproduction and Embryology (ESHRE)  
**Start date:** 09/04/2020
- 4** **Name of the society:** Member, Society for Cryobiology (SfC)  
**Affiliation entity:** Society for Cryobiology (SfC)  
**Start date:** 01/04/2018

### Co-operation networks

- 1** **Name of the network:** Member, Teaching Innovation Network on English as a Medium of Education  
**Participating entity/entities:** University of Girona  
**Start date:** 01/12/2020
- 2** **Name of the network:** Director, Center TECNIO for Research, Innovation and Transfer in Reproductive Biotechnology 'TechnoSperm'  
**Participating entity/entities:** University of Girona  
**Start date:** 06/10/2017



- 3** **Name of the network:** Member, Network on In vitro production of embryos of animal of veterinary interest (AGL2016-81890-REDT)  
**Participating entity/entities:** Ministerio de Economía y Competitividad  
**Start date:** 01/01/2017 **Duration:** 3 years
- 4** **Name of the network:** Member, Network on In vitro 3-D total cell guidance and fitness (CellFit; COST Action CA16119)  
**Participating entity/entities:** European Union  
**Start date:** 01/01/2017 **Duration:** 4 years
- 5** **Name of the network:** Member, Network about Epigenetics and periconception environment (EPICONCEPT, COST Action FA1201)  
**Participating entity/entities:** European Union  
**Start date:** 01/01/2013 **Duration:** 4 years
- 6** **Name of the network:** Member, Network on Maternal Interaction with Gametes and Embryos (GEMINI; COST Action FA0702)  
**Participating entity/entities:** European Union  
**Start date:** 01/01/2008 **Duration:** 5 years
- 7** **Name of the network:** Member, Center TECNIO for Research, Innovation and Transfer in Reproductive Biotechnology 'TechnoSperm'  
**Participating entity/entities:** University of Girona  
**Start date:** 01/09/2007
- 8** **Name of the network:** Member, Network of Reproductive Biology (2004XT-00054)  
**Participating entity/entities:** Generalitat de Catalunya  
**Start date:** 01/01/2005 **Duration:** 2 years
- 9** **Name of the network:** Member, Network on Pig Reproduction (AGL2002-12277-E)  
**Participating entity/entities:** Ministerio de Ciencia y Tecnología  
**Start date:** 24/05/2004 **Duration:** 1 year - 11 months
- 10** **Name of the network:** Member, Network of Assisted Reproductive Technology in Pigs (AE00-109)  
**Participating entity/entities:** Ministerio de Agricultura, Pesca y Alimentación  
**Start date:** 01/05/2003 **Duration:** 8 months

### Prizes, mentions and distinctions

- 1** **Description:** Chartered Science Teacher (CSciTeach)  
**Awarding entity:** Science Council (UK)  
**Conferral date:** 06/10/2021
- 2** **Description:** Accreditation of Full Professor (Catedrático de Universidad) - Medical Sciences  
**Awarding entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación (ANECA)  
**Conferral date:** 01/06/2021
- 3** **Description:** Chartered Scientist (CSci)  
**Awarding entity:** Science Council (UK)  
**Conferral date:** 06/04/2021



- 4** **Description:** Fellow of the Young Academy of Europe (FYAE)  
**Awarding entity:** Young Academy of Europe (YAE)  
**Conferral date:** 18/01/2021
- 5** **Description:** Chartered Biologist (CBiol)  
**Awarding entity:** Royal Society of Biology (RSB, UK)  
**Conferral date:** 07/01/2021
- 6** **Description:** Fellow of the Royal Society of Biology (FRSB)  
**Awarding entity:** Royal Society of Biology (RSB, UK)  
**Conferral date:** 01/10/2020
- 7** **Description:** Accreditation of Full Professor (Catedrático de Universidad) - Life Sciences  
**Awarding entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación (ANECA)  
**Conferral date:** 26/06/2020
- 8** **Description:** I3 Certificate - 'Ramón y Cajal' Fellows (Outstanding Research Career)  
**Awarding entity:** Ministerio de Ciencia e Innovación  
**Conferral date:** 02/04/2020
- 9** **Description:** I3 Certificate (Outstanding Research Career)  
**Awarding entity:** Ministerio de Ciencia, Innovación y Universidades  
**Conferral date:** 26/07/2019
- 10** **Description:** Certificate of English for Teaching Purposes  
**Awarding entity:** University of Girona  
**Conferral date:** 05/03/2018
- 11** **Description:** Shortlisted as one of the four best Young Scientists in Animal Science by the European Federation of Animal Science (EAAP; 2017)  
**Awarding entity:** European Federation of Animal Science (EAAP)  
**Conferral date:** 02/07/2017
- 12** **Description:** Peer Review Awards 2017 (Biochemistry, Genetics and Molecular Biology)  
**Awarding entity:** Publons  
**Conferral date:** 01/01/2017
- 13** **Description:** Advanced Research Accreditation (Full Professor)  
**Awarding entity:** Agència per la Qualitat del Sistema Universitari Català (AQU Catalunya)  
**Conferral date:** 04/10/2016
- 14** **Description:** Associate Fellow of the Higher Education Academy (AFHEA)  
**Awarding entity:** The Higher Education Academy (HEA, UK)  
**Conferral date:** 22/01/2016
- 15** **Description:** Fellow of the Higher Education Academy (FHEA)  
**Awarding entity:** The Higher Education Academy (HEA, UK)  
**Conferral date:** 10/11/2015



- 16** **Description:** Accreditation of Associate Professor (Profesor Titular de Universidad)  
**Awarding entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación (ANECA)  
**Conferral date:** 16/10/2013
- 17** **Description:** Research Accreditation (Associate Professor)  
**Awarding entity:** Agència per la Qualitat del Sistema Universitari Català (AQU Catalunya)  
**Conferral date:** 30/09/2013
- 18** **Description:** Accreditation of Tenure-Track Lecturer (Professor Lector)  
**Awarding entity:** Agència per la Qualitat del Sistema Universitari Català (AQU Catalunya)  
**Conferral date:** 09/06/2010
- 19** **Description:** Accreditation of Assistant Lecturer (Profesor Ayudante Doctor)  
**Awarding entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación (ANECA)  
**Conferral date:** 20/04/2010
- 20** **Description:** Accreditation of Tenured Lecturer (Profesor Contratado Doctor)  
**Awarding entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación (ANECA)  
**Conferral date:** 20/04/2010
- 21** **Description:** Accreditation of Private University Lecturer (Profesor de Universidad Privada)  
**Awarding entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación (ANECA)  
**Conferral date:** 20/04/2010
- 22** **Description:** Prize in the first AERA-BAS International Conference. 2008. Gijón (Spain)  
**Awarding entity:** AERA-BAS  
**Conferral date:** 27/10/2008
- 23** **Description:** Prize to the best collaboration between Academy and Industry, granted by PIMES (2003; sixth edition)  
**Awarding entity:** PIMEC  
**Conferral date:** 01/06/2003

## Summary of other achievements

- 1** **Description of the achievement:** Research lines: Fertility preservation, embryo-maternal communication, sperm light-stimulation, genetics of infertility, animal reproduction, human reproduction, assisted reproductive technology (ART), molecular biology, cell biology, sperm-uterus interaction, sperm selection, health control of semen; 01/04/2016 --  
**Accrediting entity:** Unit of Cell Biology, Department of Biology, University of Girona  
**Conferral date:** 01/04/2016
- 2** **Description of the achievement:** Research lines: Human Reproduction, Oocyte, Activation, men infertility, women infertility, PLCZ, PAWP, ROS, DNA fragmentation, in vitro oocyte maturation (IVM), in vitro fertilization (IVF), in vitro embryo culture (IVC), mouse, human; 01/04/2014 --  
**Accrediting entity:** Nuffield Department of Obstetrics and Gynaecology, University of Oxford  
**Conferral date:** 01/04/2014



- 3** **Description of the achievement:** Teaching sections (five-year): Positive assessment of teaching activity (89,16/100)  
**Accrediting entity:** Agència per a la Qualitat del Sistema Universitari de Catalunya (AQU)  
**Conferral date:** 15/09/2011
- 4** **Description of the achievement:** Research lines: Sperm cryopreservation, embryo vitrification, in vitro embryo production, sperm capacitation, metabolomics, bioenergetics and sperm metabolism, calcium, cell respiration, horse, cattle, pigs, dogs, cats, donkey, sheep, artificial insemination; 01/01/2011 -- 31/03/2014  
**Accrediting entity:** Unit of Animal Reproduction, Department of Animal Medicine and Surgery, Autonomous University of Barcelona  
**Conferral date:** 01/01/2011
- 5** **Description of the achievement:** Research lines: Oviduct, RNAi, sperm-OEC interactions, sperm reservoir, cell culture; 01/01/2006 -- 30/06/2007  
**Accrediting entity:** Institute of Zoology, ZSL, London, UK  
**Conferral date:** 01/01/2006
- 6** **Description of the achievement:** Research lines: Sperm, Boar, epididymis, in vitro fertilisation, in vitro production of porcine embryos, in vitro vitrification, fertility, accessory glands, epididymal maturation, Fertilidad, Glándulas accesorias, maduración espermática in vitro, Animal Reproduction, Testis, Sus domesticus, improvement of sperm quality; 01/04/2003 -- 31/12/2010  
**Accrediting entity:** Unit of Cell Biology, Department of Biology, University of Girona  
**Conferral date:** 01/04/2003
- 7** **Description of the achievement:** Teaching sections (five-year): Positive assessment of teaching activity (90,40/100)  
**Accrediting entity:** Agència per a la Qualitat del Sistema Universitari de Catalunya (AQU)  
**Conferral date:** 15/09/2002
- 8** **Description of the achievement:** Heavy Equipment: Computer Assisted Sperm Analysis (CASA);  
\*\*Responsable ; 01/04/2003
- 9** **Description of the achievement:** Heavy Equipment: Fluorescence microscope; \*\*Usuari assidu;  
01/04/2003
- 10** **Description of the achievement:** Heavy Equipment: Real-Time thermocycler; \*\*Usuari assidu; 01/01/2006
- 11** **Description of the achievement:** Heavy Equipment: Conventional thermocycler; \*\*Usuari assidu;  
01/01/2006
- 12** **Description of the achievement:** Heavy Equipment: Confocal Laser Scanning Microscope (CLSM);  
\*\*Usuari ocasional ; 01/01/2011
- 13** **Description of the achievement:** Heavy Equipment: Proteòmica i western blot; \*\*Usuari assidu

- 14 **Description of the achievement:** Heavy Equipment: Flow cytometer; \*\*Responsable ; 01/01/2011
- 15 **Description of the achievement:** Heavy Equipment: Controlled-rate freezer; \*\*Responsable ; 01/01/2011
- 16 **Description of the achievement:** Heavy Equipment: Spectrophotomer; \*\*Usuari assidu; 01/04/2003
- 17 **Description of the achievement:** Heavy Equipment: Laminar flow cabinet; \*\*Usuari assidu; 01/06/2004
- 18 **Description of the achievement:** Heavy Equipment: DNA sequencer; \*\*Usuari ocasional ; 01/01/2006
- 19 **Description of the achievement:** Technics/Specializations: Cell culture
- 20 **Description of the achievement:** Technics/Specializations: Sperm quality analysis
- 21 **Description of the achievement:** Technics/Specializations: Analysis of gene expression
- 22 **Description of the achievement:** Technics/Specializations: qPCR
- 23 **Description of the achievement:** Technics/Specializations: Western Blot
- 24 **Description of the achievement:** Technics/Specializations: Sperm cryopreservation
- 25 **Description of the achievement:** Technics/Specializations: Oocyte vitrification
- 26 **Description of the achievement:** Technics/Specializations: Flow cytometry
- 27 **Description of the achievement:** Technics/Specializations: Immunolocalization (immunofluorescence, immunocytochemistry, immunohistochemistry)

- 28 Description of the achievement:** Technics/Specializations: Histological diagnosis
- 29 Description of the achievement:** Technics/Specializations: RNA interference
- 30 Description of the achievement:** Technics/Specializations: Molecular cloning
- 31 Description of the achievement:** Technics/Specializations: Yeast-two-hybrid
- 32 Description of the achievement:** Technics/Specializations: Protein-protein interactions
- 33 Description of the achievement:** Technics/Specializations: Bioinformatics
- 34 Description of the achievement:** Technics/Specializations: Statistical analyses
- 35 Description of the achievement:** Technics/Specializations: In vitro fertilization (IVF)
- 36 Description of the achievement:** Technics/Specializations: In vitro maturation (IVM) of oocytes
- 37 Description of the achievement:** Technics/Specializations: In vitro culture (IVC) of embryos
- 38 Description of the achievement:** Technics/Specializations: Immunoprecipitation
- 39 Description of the achievement:** Technics/Specializations: DNA extraction
- 40 Description of the achievement:** Technics/Specializations: RNA extraction
- 41 Description of the achievement:** Technics/Specializations: DNA sequencing

- 42 Description of the achievement:** Technics/Specializations: Protein extraction
- 43 Description of the achievement:** Technics/Specializations: Plasmid isolation
- 44 Description of the achievement:** Technics/Specializations: Evaluation of microbial contaminants in semen
- 45 Description of the achievement:** Technics/Specializations: Antibiotic screening
- 46 Description of the achievement:** Technics/Specializations: Antimicrobial peptide (AMP) screening
- 47 Description of the achievement:** Technics/Specializations: Screening and validation of antibodies
- 48 Description of the achievement:** Technics/Specializations: Co-immunoprecipitation
- 49 Description of the achievement:** Technics/Specializations: Computer-Assisted Sperm Analysis (CASA)
- 50 Description of the achievement:** Technics/Specializations: Fertility preservation
- 51 Description of the achievement:** Technics/Specializations: Assisted Reproductive Technology (ART)
- 52 Description of the achievement:** Technics/Specializations: Reverse transcription
- 53 Description of the achievement:** Technics/Specializations: Affinity chromatography
- 54 Description of the achievement:** Technics/Specializations: Production of recombinant proteins
- 55 Description of the achievement:** Technics/Specializations: Analysis of ATP production

- 56 Description of the achievement:** Technics/Specializations: Evaluation of oxygen consumption
- 57 Description of the achievement:** Technics/Specializations: Analysis of DNA fragmentation
- 58 Description of the achievement:** Technics/Specializations: Light-stimulation of gametes
- 59 Description of the achievement:** Technics/Specializations: ELISA
- 60 Description of the achievement:** Technics/Specializations: Spectrophotometry
- 61 Description of the achievement:** Technics/Specializations: Gel electrophoresis
- 62 Description of the achievement:** Technics/Specializations: 2-D electrophoresis
- 63 Description of the achievement:** Reviewer for Abstracts submitted to the 39th Annual Conference of the International Embryo Transfer Society (IETS; Hannover, Germany; 2013)
- 64 Description of the achievement:** Reviewer for Abstracts submitted to the 14th International Congress of the Spanish Association of Animal Reproduction (AERA; Barcelona, Spain; 2017)
- 65 Description of the achievement:** Reviewer for Abstracts submitted to the 23rd Conference of the International Pig Veterinary Society (IPVS; Cancún, México; 2014)
- 66 Description of the achievement:** Reviewer for Abstracts submitted to the 28th Annual Meeting of the Association of Embryo Technology in Europe (AETE; Saint Malo, France; 2012)
- 67 Description of the achievement:** Reviewer for Abstracts submitted to the 35th Annual Meeting of the Association of Embryo Technology in Europe (AETE; Murcia, Spain; 2019)
- 68 Description of the achievement:** Reviewer for Abstracts submitted to the 39th Annual Conference of the International Embryo Transfer Society (IETS; Hannover, Germany; 2013)
- 69 Description of the achievement:** Reviewer for Animal Production Science (Journal indexed in JCR/SCI).  
Editor: W. Bryden



- 70** **Description of the achievement:** Reviewer for Animal Reproduction Science (Journal indexed in JCR/SCI).  
Editor: J. Kinder
- 71** **Description of the achievement:** Reviewer for Annals of Animal Science (Journal indexed in JCR/SCI).  
Editor: S. Świątkiewicz
- 72** **Description of the achievement:** Reviewer for Annals of the Brazilian Academy of Sciences (Journal indexed in JCR/SCI). Editor: A. W. A. Kellner
- 73** **Description of the achievement:** Reviewer for Aquaculture (Journal indexed in JCR/SCI). Editor: D.M. Gatlin
- 74** **Description of the achievement:** Reviewer for Asian Journal of Andrology (Journal indexed in JCR/SCI).  
Editor: Y.F. Wang
- 75** **Description of the achievement:** Reviewer for Austin Journal of Veterinary Science and Animal Husbandry. Editor: M. Giangaspero
- 76** **Description of the achievement:** Reviewer for Biologics: Targets and Therapy. Editor: D.M. Benbrook
- 77** **Description of the achievement:** Reviewer for Biology of Reproduction (Journal indexed in JCR/SCI).  
Editors: W. Yan and H. Clarke
- 78** **Description of the achievement:** Reviewer for Biology Open (Journal indexed in JCR/SCI). Editor: J. W. Raff
- 79** **Description of the achievement:** Reviewer for BioMed Research International (Journal indexed in JCR/SCI). Editor: R.J. Rodgers
- 80** **Description of the achievement:** Reviewer for Biomolecules (Journal indexed in JCR/ESCI). Editor: J. Bähler
- 81** **Description of the achievement:** Reviewer for BMC Systems Biology (Journal indexed in JCR/SCI).  
Executive editor: T. Sands
- 82** **Description of the achievement:** Reviewer for BMC Veterinary Science (Journal indexed in JCR/SCI).  
Executive editor: T. Sands
- 83** **Description of the achievement:** Reviewer for Canadian Journal of Animal Science (Journal indexed in JCR/SCI). Editor: K. Plaizier



- 84 Description of the achievement:** Reviewer for Cell and Tissue Research (Journal indexed in JCR/SCI).  
Managing Editor: K. Unsicker
- 85 Description of the achievement:** Reviewer for Cellular and Molecular Life Sciences (Journal indexed in JCR/SCI). Editor: K. Eichmann
- 86 Description of the achievement:** Reviewer for Cryobiology (Journal indexed in JCR/SCI). Editor: D.M. Rawson.
- 87 Description of the achievement:** Reviewer for Current Drug Targets (Journal indexed in JCR/SCI). Editor: F.J. Castellino.
- 88 Description of the achievement:** Reviewer for Expert Review of Proteomics (Journal indexed in JCR/SCI).  
Managing Editor: A. Woolman
- 89 Description of the achievement:** Reviewer for Frontiers in Immunology (Journal indexed in JCR/SCI).  
Editor: L.D. Notarangelo
- 90 Description of the achievement:** Reviewer for Human Reproduction (Journal indexed in JCR/SCI). Editor: J.L.H. Evers
- 91 Description of the achievement:** Reviewer for Hystrix, The Italian Journal of Mammology (Journal indexed in JCR/SCI). Editor: L.A. Wauters
- 92 Description of the achievement:** Reviewer for International Journal of Nanomedicine (Journal indexed in JCR/SCI). Managing Editor: T.J. Webster
- 93 Description of the achievement:** Reviewer for International Journal of Women's Health and Wellness.  
Editor: R.G. Moore
- 94 Description of the achievement:** Reviewer for Journal of Animal Science and Biotechnology (Journal indexed in JCR/SCI). Editor: D. Li
- 95 Description of the achievement:** Reviewer for Journal of Animal Science (Journal indexed in JCR/SCI).  
Editor: S.A. Zinn
- 96 Description of the achievement:** Reviewer for Journal of Applied Biomedicine (Journal indexed in JCR/SCI). Editor: J. Berger
- 97 Description of the achievement:** Reviewer for Journal of Biomedical Sciences. Managing Editor: M.E. Campusano Guerrero



- 98 Description of the achievement:** Reviewer for Journal of Cell Physiology (Journal indexed in JCR/SCI).  
Editors: G.S. Stein and C.E. Brinckerhoff
- 99 Description of the achievement:** Reviewer for Journal of Genetics (Journal indexed in JCR/SCI).  
Editor-in-Chief: R. Raman
- 100 Description of the achievement:** Reviewer for Journal of Nutrition and Metabolism. Journal Manager: S. Ashraf
- 101 Description of the achievement:** Reviewer for Journal of Perinatal Medicine (Journal indexed in JCR/SCI).  
Editor: J.W. Dudenhausen
- 102 Description of the achievement:** Reviewer for Journal of Proteome Research (Journal indexed in JCR/SCI). Editor: J. Sweedler
- 103 Description of the achievement:** Reviewer for Journal of Veterinary Science & Medical Diagnosis. Editor: D. Williams
- 104 Description of the achievement:** Reviewer for Livestock Science (Journal indexed in JCR/SCI). Editor: J.E. Hermansen
- 105 Description of the achievement:** Reviewer for Molecular Human Reproduction (Journal indexed in JCR/SCI). Editor: C.L. Barratt
- 106 Description of the achievement:** Reviewer for Nutrients. Editor: LL. Serra-Majem and M.L. Fernández.
- 107 Description of the achievement:** Reviewer for Open Access Animal Physiology. Editor: P. Koulen
- 108 Description of the achievement:** Reviewer for Open Journal of Animal Sciences. Editor: R.W. Li
- 109 Description of the achievement:** Reviewer for Open Veterinary Journal. Editor: I. Eldaghayes
- 110 Description of the achievement:** Reviewer for PLoS Computational Biology (Journal indexed in JCR/SCI).  
Editors: R. Nussinov, J. Papin and P.E. Bourne
- 111 Description of the achievement:** Reviewer for PLoS One (Journal indexed in JCR/SCI). Editor-in-Chief: J.Heber. Executive Editor: V. Kiermer

- 112 Description of the achievement:** Reviewer for Proteomics (Journal indexed in JCR/SCI). Editor: L. Kalvodova
- 113 Description of the achievement:** Reviewer for Reproduction, Fertility and Development (Journal indexed in JCR/SCI). Editor: G. Martin
- 114 Description of the achievement:** Reviewer for Reproduction (Journal indexed in JCR/SCI). Editors: C.A. Price and G. FitzHarris
- 115 Description of the achievement:** Reviewer for Reproductive Biology and Endocrinology (Journal indexed in JCR/SCI). Editor: A. Bukovsky
- 116 Description of the achievement:** Reviewer for Reproductive Biomedicine Online (Journal indexed in JCR/SCI). Editor: B. Fauser
- 117 Description of the achievement:** Reviewer for Research and Reports in Biology. Editor: C. Cullis
- 118 Description of the achievement:** Reviewer for Scientific Reports (Journal indexed in JCR/SCI). Managing Editor: R. White
- 119 Description of the achievement:** Reviewer for Systems Biology in Reproductive Medicine (Journal indexed in JCR/SCI). Editor: S.A. Krawetz
- 120 Description of the achievement:** Reviewer for The European Journal of Obstetrics and Gynaecology (Journal indexed in JCR/SCI). Editor: A. Gupta
- 121 Description of the achievement:** Reviewer for The Open Access Journal of Science and Technology
- 122 Description of the achievement:** Reviewer for Theriogenology (Journal indexed in JCR/SCI). Editor: F. Gandolfi
- 123 Description of the achievement:** Reviewer for Toxins (Journal indexed in JCR/SCI). Editor: F. Lang
- 124 Description of the achievement:** Reviewer for Veterinary Medicine: Research and Reports. Editor: Y.S. Lyoo
- 125 Description of the achievement:** Reviewer for Zygote (Journal indexed in JCR/SCI). Editor: B. Dale

- 126 Description of the achievement:** Reviewer for Cells (Journal indexed in JCR/SCI): Editor: A.E. Kalyuzhny
- 127 Description of the achievement:** Reviewer for Reproductive Biology (Journal indexed in JCR/SCI). Editor: N. Rahman
- 128 Description of the achievement:** Reviewer for Oxidative Medicine and Cellular Longevity. Editor: I. J. Vasquez-Vivar
- 129 Description of the achievement:** Reviewer for Frontiers in Cell and Developmental Biology (Journal indexed in JCR/SCI). Editor: A. Gay Fisher
- 130 Description of the achievement:** Reviewer for Tropical Animal Health and Production (Journal indexed in JCR/SCI). Editor: Andre M. Almeida.
- 131 Description of the achievement:** Reviewer for Journal of Proteomics (Journal indexed in JCR/SCI). Editor: J. Calvete
- 132 Description of the achievement:** Reviewer for DNA Research (Journal indexed in JCR/SCI). Editor: M. Oishi
- 133 Description of the achievement:** Reviewer for Clinical Medicine Insights: Reproductive Health (Journal indexed in ESCI). Editor: Z. Blumenfeld
- 134 Description of the achievement:** Reviewer for International Journal of Reproductive Medicine. Academic Editor: Y. Agca.
- 135 Description of the achievement:** Reviewer for Abstracts submitted to the 19th International Congress on Animal Reproduction (ICAR; Bologna, Italy; 2020)
- 136 Description of the achievement:** Reviewer for Journal of Applied Animal Research (Journal indexed in JCR/SCI). Editor: A. Argüello
- 137 Description of the achievement:** Reviewer for Antioxidants (Journal indexed in JCR/SCI). Editor: S. Omaye
- 138 Description of the achievement:** Reviewer for Journal of Cellular Biochemistry (Journal indexed in JCR/SCI). Editor: L. Kalvodova
- 139 Description of the achievement:** Reviewer for British Journal of Pharmacology (Journal indexed in JCR/SCI). Editor: A. Ahluwalia

- 140 Description of the achievement:** Reviewer for Zoological Research (Journal indexed in JCR/SCI). Editor: Y.G. Yao
- 141 Description of the achievement:** Reviewer for Animals (Journal indexed in JCR/SCI). Editor: C.J.C. Phillips
- 142 Description of the achievement:** Reviewer for Nature Reviews Urology (Journal indexed in JCR/SCI). Editor: A. Fenner
- 143 Description of the achievement:** Reviewer for Analyst (Journal indexed in JCR/SCI). Editor: D. Graham
- 144 Description of the achievement:** Reviewer for Veterinary Medicine and Science (Journal indexed in JCR/SCI). Editor: G. Hallowell
- 145 Description of the achievement:** Reviewer for Reproductive Toxicology (Journal indexed in JCR/SCI). Editor: A. Bal-Price
- 146 Description of the achievement:** Reviewer for BMC Genomics (Journal indexed in JCR/SCI). Editor: M. Pasini
- 147 Description of the achievement:** Reviewer for Mediators of Inflammation (Journal indexed in JCR/SCI). Editor: A. Agrawal
- 148 Description of the achievement:** Reviewer for BMC Nutrition (Journal indexed in JCR/SCI). Editors: T. Cryler and A. Melidoni
- 149 Description of the achievement:** Reviewer for Translational Andrology and Urology. Editors: Y. Guo and T.F. Lue
- 150 Description of the achievement:** PhD Fellowship (Ministry of Education and Science, 2003-2007)
- 151 Description of the achievement:** Juan de la Cierva Fellowship (Ministry of Science and Technology, Spain; 2011-2013)
- 152 Description of the achievement:** Marie Curie Fellowship (European Commission, 2014-2016)
- 153 Description of the achievement:** Ramón y Cajal Fellowship (Ministry of Science, Innovation and Universities, Spain; 2016-2021). Shortlisted in the first position across Spain (Panel: Livestock and Fisheries)

- 154 Description of the achievement:** Certificate Level A2 (German)
- 155 Description of the achievement:** Certificate Level C1 (English)
- 156 Description of the achievement:** Certificate Level C1 (French; DALF)
- 157 Description of the achievement:** Extraordinary Prize as the best student at the Faculty of Political and Social Sciences (Social Council, UNED, Spain; 2013)
- 158 Description of the achievement:** First prize as the best undergraduate student at the Faculty of Political and Social Sciences (UNED, Spain; 2012)
- 159 Description of the achievement:** Undergraduate student, Bachelor of Arts (Phil) at UNED, Spain