



**Susana Astiz Blanco**

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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.

Professional experience in the Animal Production as practitioner and livestock farmer consultant (Germany and Spain) for >10 years. Technical Manager for pharmaceutical companies; Research activities on Animal Production with different funding sources (private and public; national and international). Intense work in the National Buiatric Association of Bovine Medicine Specialists (ANEMBE), for >15 years, until 2016. National representative of Spain at European Animal Production Working Groups (SCAR, ATF) supporting the European Commission Assessors; previous Eurpean College of Health Management (ECBHM) Vice-President (2017-2019), President (2019-2021) and current ECBHM-Past-President, since September 2021. Two six-year research period ("Sexenios"; 2010-2015 and 2016-2021) by the National Committee for Assessment of Research Action (CNEAI), achieved June 2019 and May 2022, respectively. Two five-years research periods ("Quinquenios"; 2010-2014 and 2015-2019) by the CNEAI achieved 2020. Research lines Animal Production, Reproductive Physiology, Farm Simulation, Livestock, and Prenatal Programming with collaboration in national funded research projects, since 2010. Published books, monographs, 105 SCI-articles, >100 popular articles and 176 participations at National and International Scientific Conferences (communications and invited lectures). Teaching collaboration in Master's degrees and training seminars at different Institutions. Citations: 1137; h-index 20 (Web of Science).

This researcher has focused great part of her professional time working at commercial farms and has achieved important and applied knowledge that has been directly transferred into the field. For example, based on her article Fargas and Astiz (2013; Theriogenology 79: 1065–1070) a very effective reproductive protocol for dairy cows has become very usual in Holstein herds in Spain during the last 10 years. Further applied research on dairy farms have resulted in different advises for practitioners. These research lines were mostly funded by private firms, farmers and veterinary firms, due to the interest of these stakeholders and based on confidence by these stakeholders on the researcher Susana Astiz. Similar collaborations have produced scientific papers such as Pallares et al. (2020) in Livestock Science 2021, 250, 104588, on the economic efficiency of two synchronization protocols never before compared for heifers, or this other paper of Astiz et al. (2017) Anim Prod Sci. 57: 334-337 on the current situation of te important disease of BVD in Spanish bovine herds. This kind of research work makes that this researcher is often invited to participate at National and International Scientific Conferences focused in Bovine Management, or her recognition as European Diplomat by the European College of Bovine Herd Management, since 2007. She has attained similar success in dairy sheep establishing the very first principles of the Production Medicine together with her collaborators, describing age at first lambing, normalized Lacaune lactation curve and optimal dry-off period under intensive management conditions [Animals (Basel) 2019, 30;9(6); Animals (Basel) 2019, 28;9(4); Animal 2018; 9:1-10; J Dairy Res. 2015; 82: 95-101; J Dairy Res 2013; 80 (4):439-447; . Animal 2013; 7 (6):1044-1052]. The result of this activity has resulted in international collaboration with other research groups in different parts of the world, with whom she has published different scientific studies (Portugal, Austria, USA, New Zealand, Ecuador, Chile...). Her efforts in



supporting young researchers' education are validated by the direction of nine PhD Thesis, and mainly by the professional and academic success of several of these young researchers. Natividad Pérez Villalobos is Vice-Dean of the Veterinary Faculty of the Universidad Europea de Madrid since 2020 (PhD, 2015; José Luis Pesántez-Pacheco is Professor at the University of Cuenca, Ecuador, since 2019 (PhD, 2019); or Paula Martínez Ros, who is now Director of the Experimental Farm of the Veterinary Faculty of the University CEU, Valencia since 2018 (PhD, 2017). As researcher, Susana Astiz has achieved in her short time in de Acadmeia whole-time (12 years) a broad experience reaching formal Research Projects with public funding, participating as Co-researcher in statelly funded research projects (AGL2016-79321-C2-1-R.; AGL2015-72198-exp.; AGL2015-67409-C2-01-R.; or AGL2013-48121-C3-2-R) and leading public-private funded projects (CDTI-IDI-2020093-INIA-CON-21-001 and CDTI-IDI-20180254-INIA-CON-18060). Finally, this researcher has always committed a notable segment of her work in educating the main actors of the Animal Production sector: farmers, students, and practitioners. Therefore, every year she publishes popular articles and holds seminars and lectures for different kind of audiences including farmers associations, pharmaceutical companies' staffs, veterinary and agrarian students' events, etc.



## 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.

Activity as Researcher, full time, since 2010 (previous professional activity as private practitioner and pharmaceuticals firms).

ORCID ID: 0000-0002-9718-0903, SCOPUS ID: 9250996400

Two six-year research period "**sexenios**" (2010-2015; 2016-2022), achieved June 2019 and May 2022 by the National Committee for Assessment of Research Action (CNEAI); Two five-years research periods, "**quinquenios**", achieved 2020 by CNEAI.

Total of SCI publications: 105

Number of citations: 1137; Average number of citations during the last five years (2018 to 2022, inclusive): 781

Total number of publications in the first quartile ( **Q1**): 68/105 (65%), **Q2**: 27/105 (26%); **Q3** and others: 10/105 (9%).

h-index: **20**; thesis supervised: 9: Thesis currently under supervision: 2

176 communications and >20 talks as invited speaker at International and National Conferences.

More than 110 popular veterinary articles for the Animal Production and Veterinary sector



## Susana Astiz Blanco

Surname(s): **Astiz Blanco**  
Name: **Susana**  
ORCID: **0000-0002-9718-0903**  
ScopusID: **9250996400**  
Contact province: **Madrid**  
Contact address: **Avenida Puerta de Hierro s/n**  
Rest of contact address: **Dpto Reproducción Animal (INIA-CSIC)**  
Postcode: **28040**  
Contact country: **Spain**  
Contact aut. region/reg.: **Community of Madrid**  
Contact city: **Madrid**  
Email: **astiz.susana@inia.csic.es**

### Current professional situation

**Employing entity:** CSIC-INIA (INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA)

**Type of entity:** Public Research Body

**Department:** Animal Reproduction

**Professional category:** A1. Investigadora Científica CSIC / Senior Researcher

**Start date:** 01/11/2009

**Type of contract:** Civil servant

**Dedication regime:** Full time

**Primary (UNESCO code):** 310400 - Animal husbandry; 310904 - Internal medicine; 310909 - Physiology; 310999 - Other

**Secondary (UNESCO code):** 310906 - Nutrition; 310910 - Surgery

**Tertiary (UNESCO code):** 310900 - Veterinary sciences

**Performed tasks:** Gestión de investigación: organización, liderazgo y participación en grupos de investigación con personal interno y externo al departamento; captación de recursos para investigación (públicos y privados); presentación a convocatorias competitivas y no competitivas de investigación. Trabajo en Investigación: Actividad experimental en granjas de Producción animal (rumiantes, porcino, cunicultura). Diagnóstico por imagen; Cirugía y sanidad animal; Actividad laboratorial. Principales temas de investigación: Reproducción en Animales de Producción; Eficiencia en sistemas intensivos de producción animal; Sostenibilidad de los sistemas productivos (salud, bienestar, manejo, medioambiente, economía y sociedad); Programación del desarrollo Investigación Clínica: participación y diseño de Ensayos Clínicos Veterinarios con diferentes empresas farmacéuticas y de nutrición veterinarias. Dirección de Tesis Doctorales; Tutorización de estudiantes universitarios en desarrollo de TFGs, Estancias curriculares y extracurriculares; colaboración docente en másteres universitarios. Publicación de artículos científicos peer review: estructuración y procesado estadístico de datos biosanitarios; redacción de artículos; discusión y defensa de manuscritos (corresponding author). Participación en eventos científicos: congresos nacionales e internacionales; seminarios docentes y de formación específica; divulgación científica escrita y en participación de eventos. Actividad editorial; participación en comités científicos; participación en Juntas directivas de Instituciones y Asociaciones profesionales y académicas (Anembe, ECBHM). Actividad de representación institucional (INIA) en entidades, grupos de trabajo y comités extranjeros

**Identify key words:** Comparative physiology; Reproduction (physiology); Biomedicine; Livestock

### Previous positions and activities

|    | Employing entity                                                                                                                          | Professional category                                             | Start date |
|----|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------|
| 1  | Sección "Desde la Hemeroteca" Boletín de ANEMBE (Asociación Nacional de Especialistas en Medicina Bovina de España)                       | Colaboradora                                                      | 2010       |
| 2  | ANEMBE (Asociación Nacional de Especialistas en Medicina Bovina de España)                                                                | Editora de la publicación                                         | 2010       |
| 3  | Dpto. Técnico Fort Dodge Veterinaria, SA (Actualmente Pfizer AH)                                                                          | Veterinaria Técnica. Especialista Rumiantes de ordeño             | 2008       |
| 4  | Dpto. Técnico Schering Plough AH (Actualmente MSD AH)                                                                                     | Veterinaria Técnica. Especialista Rumiantes de ordeño             | 2007       |
| 5  | Schering Plough AH                                                                                                                        | Asesor Técnico Externo                                            | 2002       |
| 6  | Clínica Veterinaria AMASVET (Alfonso Monge y Asociados Veterinarios, SA)                                                                  | Veterinaria clínica. Especialista Reproducción                    | 2001       |
| 7  | Sección "Desde la Hemeroteca" Boletín de ANEMBE (Asociación Nacional de Especialistas en Medicina Bovina de España)                       | Colaboradora                                                      | 2000       |
| 8  | Hospital Clínico Veterinario de Madrid                                                                                                    | Veterinaria Residente                                             | 2000       |
| 9  | Besamungsverein Neustadt Aisch (BVN), Neustadt Aisch, Baviera, Alemania                                                                   | Directora Laboratorio de Producción in vitro de embriones bovinos | 1997       |
| 10 | Besamungsverein Neustadt Aisch (BVN), Neustadt Aisch, Baviera, Alemania                                                                   | Beca DAAD (Deutsches Akademisches Austauschdienst)                | 1997       |
| 11 | Clínica de Grandes Animales "Praxis Dr. Schuh", Oberndorf, Ipsheim, Baviera, Alemania                                                     | Veterinaria clínica                                               | 1996       |
| 12 | Dpto. I+D. Empresa Tolsa SA                                                                                                               | investigadora contratada                                          | 1995       |
| 13 | Dpto. Patología Animal I. Facultad Veterinaria de Madrid                                                                                  | Beca COLABORACIÓN. Ministerio de Educación y Ciencia              | 1994       |
| 14 | Grupo de Traumatología de Rapaces. Dpto. de Medicina y Cirugía Animal. Facultad Veterinaria de Madrid                                     | colaboradora                                                      | 1994       |
| 15 | Cátedra de Parasitología. Dpto. de Sanidad Animal. Facultad Veterinaria de Madrid                                                         | colaboradora                                                      | 1993       |
| 16 | Unidad docente Consulta Ambulante de Grandes Animales. Departamento de Medicina y Cirugía Animal. Facultad de Veterinaria de Madrid (UCM) | colaboradora                                                      | 1992       |
| 17 | DPto. De Semiología y Análisis Clínicos. Facultad de Agronomía y Veterinaria. Universidad de Río Cuarto, Córdoba, Argentina               | Beca INTERCAMPUS                                                  | 1994       |
| 18 | Laboratorio de Parasitología Animal, Toledo, Castilla La Mancha                                                                           | Beca INTRODUCCIÓN A LA INVESTIGACIÓN (INIA)                       | 1994       |



- 1** **Employing entity:** Sección “Desde la Hemeroteca” Boletín de ANEMBE (Asociación Nacional de Especialistas en Medicina Bovina de España)  
**Professional category:** Colaboradora  
**Start-End date:** 2010 - 2019  
**Type of entity:** Associations and Groups
- 2** **Employing entity:** ANEMBE (Asociación Nacional de Especialistas en Medicina Bovina de España)  
**Professional category:** Editora de la publicación  
**Start-End date:** 2010 - 2016  
**Type of entity:** Associations and Groups
- 3** **Employing entity:** Dpto. Técnico Fort Dodge Veterinaria, SA (Actualmente Pfizer AH)  
**Professional category:** Veterinaria Técnica. Especialista Rumiantes de ordeño  
**Start-End date:** 2008 - 2009  
**Type of entity:** Business
- 4** **Employing entity:** Dpto. Técnico Schering Plough AH (Actualmente MSD AH)  
**Professional category:** Veterinaria Técnica. Especialista Rumiantes de ordeño  
**Start-End date:** 2007 - 2008  
**Type of entity:** Business
- 5** **Employing entity:** Schering Plough AH  
**Professional category:** Asesor Técnico Externo  
**Start-End date:** 2002 - 2007  
**Type of entity:** Business
- 6** **Employing entity:** Clínica Veterinaria AMASVET (Alfonso Monge y Asociados Veterinarios, SA)  
**Professional category:** Veterinaria clínica. Especialista Reproducción  
**Start-End date:** 2001 - 2007  
**Type of entity:** Business
- 7** **Employing entity:** Sección “Desde la Hemeroteca” Boletín de ANEMBE (Asociación Nacional de Especialistas en Medicina Bovina de España)  
**Professional category:** Colaboradora  
**Start-End date:** 2000 - 2007  
**Type of entity:** Associations and Groups
- 8** **Employing entity:** Hospital Clínico Veterinario de Madrid  
**Professional category:** Veterinaria Residente  
**Start-End date:** 2000 - 2000  
**Type of entity:** Business
- 9** **Employing entity:** Besamungsverein Neustadt Aisch (BVN), Neustadt Aisch, Baviera, Alemania  
**Professional category:** Directora Laboratorio de Producción in vitro de embriones bovinos  
**Start-End date:** 1997 - 1999  
**Type of entity:** Business
- 10** **Employing entity:** Besamungsverein Neustadt Aisch (BVN), Neustadt Aisch, Baviera, Alemania  
**Professional category:** Beca DAAD (Deutsches Akademisches Austauschdienst)  
**Start-End date:** 1997 - 1998



- 11** **Employing entity:** Clínica de Grandes Animales “Praxis Dr. Schuh”, Oberndorf, Ipsheim, Baviera, Alemania  
**Professional category:** Veterinaria clínica  
**Start-End date:** 1996 - 1997  
**Type of entity:** Business
- 12** **Employing entity:** Dpto. I+D. Empresa Tolsa SA  
**Professional category:** investigadora contratada  
**Start-End date:** 1995 - 1996  
**Type of entity:** Business
- 13** **Employing entity:** Dpto. Patología Animal I. Facultad Veterinaria de Madrid  
**Professional category:** Beca COLABORACIÓN. Ministerio de Educación y Ciencia  
**Start-End date:** 1994 - 1995  
**Type of entity:** University
- 14** **Employing entity:** Grupo de Traumatología de Rapaces. Dpto. de Medicina y Cirugía Animal. Facultad Veterinaria de Madrid  
**Professional category:** colaboradora  
**Start-End date:** 1994 - 1995  
**Type of entity:** University
- 15** **Employing entity:** Cátedra de Parasitología. Dpto. de Sanidad Animal. Facultad Veterinaria de Madrid  
**Professional category:** colaboradora  
**Start-End date:** 1993 - 1995
- 16** **Employing entity:** Unidad docente Consulta Ambulante de Grandes Animales. Departamento de Medicina y Cirugía Animal. Facultad de Veterinaria de Madrid (UCM)  
**Professional category:** colaboradora  
**Start-End date:** 1992 - 1995  
**Duration:** 3 years  
**Type of entity:** University
- 17** **Employing entity:** DPto. De Semiología y Análisis Clínicos. Facultad de Agronomía y Veterinaria. Universidad de Río Cuarto, Córdoba, Argentina  
**Professional category:** Beca INTERCAMPUS  
**Start-End date:** 1994 - 1994  
**Type of entity:** University
- 18** **Employing entity:** Laboratorio de Parasitología Animal, Toledo, Castilla La Mancha  
**Professional category:** Beca INTRODUCCIÓN A LA INVESTIGACIÓN (INIA)  
**Start-End date:** 1994 - 1994  
**Type of entity:** University



## Education

### University education

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

**1 University degree:** Master

**Name of qualification:** Masters: Biostatistics in Biomedical Research

**Degree awarding entity:** Universitat Autònoma de Barcelona **Type of entity:** University

**Date of qualification:** 2008

**2 University degree:** Diplomado Europeo

**Name of qualification:** Diplomat

**Degree awarding entity:** European College of Bovine Health Management **Type of entity:** Healthcare Institutions

**Date of qualification:** 06/2007

**3 University degree:** Higher degree

**Name of qualification:** First degree Veterinary Medicine

**Degree awarding entity:** Universidad Complutense de Madrid **Type of entity:** University

**Date of qualification:** 1995

#### Doctorates

**Doctorate programme:** PhD Veterinary Medicine

**Degree awarding entity:** Hannover university, Germany **Type of entity:** University

**Date of degree:** 1999

### Language skills

| Language | Listening skills | Reading skills | Spoken interaction | Speaking skills | Writing skills |
|----------|------------------|----------------|--------------------|-----------------|----------------|
| English  | B2               | C2             | C1                 | B2              | C1             |
| German   | C2               | C2             | C2                 | C2              | C1             |



## Teaching experience

### General teaching experience

- 1** **Type of teaching:** Official teaching  
**Name of the course:** Epidemiología y Bioestadística  
**Type of programme:** Bachelor's degree  
**Type of subject:** Obligatory  
**University degree:** Grado y Máster Veterinaria  
**Course given:** Primero  
**Start date:** 05/03/2021  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 3  
**Entity:** Universidad Europea de Madrid  
**Faculty, institute or centre:** Ciencias Biomédicas y de la Salud  
**City of entity:** Madrid, Community of Madrid, Spain

**Type of teaching:** In person theory  
**Frequency of the activity:** 2  
**End date:** 28/04/2023  
**Type of entity:** University
- 2** **Type of teaching:** Official teaching  
**Name of the course:** Biotecnología Reproductiva  
**Type of programme:** Bachelor's degree  
**Type of subject:** Obligatory  
**University degree:** Grado y Máster Veterinaria  
**Course given:** Segundo  
**Start date:** 05/03/2021  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 1  
**Entity:** Universidad Europea de Madrid  
**Faculty, institute or centre:** Ciencias Biomédicas y de la Salud  
**City of entity:** Madrid, Community of Madrid, Spain

**Type of teaching:** In person theory  
**Frequency of the activity:** 1  
**End date:** 09/12/2022  
**Type of entity:** University
- 3** **Name of the course:** Clase "El Endometrio: ¿algo más que el lugar de desarrollo del feto?"  
**University degree:** Máster Universitario. Máster en "Reproducción Humana".  
**Start date:** 2010  
**End date:** 25/11/2022  
**Entity:** Facultad de Medicina de Madrid UCM  
**Type of entity:** University  
**Faculty, institute or centre:** Hospital 12 de Octubre, Madrid
- 4** **Name of the course:** "Biotecnología de la Reproducción Aplicada a la Recuperación de razas/especies en peligro de extinción"  
**University degree:** Máster Universitario. Máster en "Biología y Tecnología de la Reproducción en Mamíferos".  
**Start date:** 09/03/2012  
**End date:** 09/03/2022  
**Entity:** Universidad de Murcia  
**Type of entity:** University  
**Faculty, institute or centre:** Veterinaria
- 5** **Name of the course:** "Cuidados y buena praxis en Producción Animal; Ciclo sexual de los animales de granja; Esterilidad femenina; Esterilidad masculina; Producción in vitro de embriones en animales de granja; Inseminación Artificial en animales de granja"  
**University degree:** Máster Universitario. Máster en "Tecnología de la Reproducción Animal".  
**Start date:** 2011  
**End date:** 15/09/2021



**Entity:** Universidad de Salamanca  
**Faculty, institute or centre:** Facultad de Medicina

**Type of entity:** University

- 6 Name of the course:** Edición On-line. Clses on-line: “La industria farmacéutica. Desarrollo de un medicamento”, “Comunicación científica y publicación de resultados”, “Manejo básico, aplicado del SPSS”, “Prevención de riesgos laborales en un ECV”, “Toma, conservación y envío de muestras”

**University degree:** Máster Universitario. Máster en “Ensayos Clínicos Veterinarios”. Universidad Europea de Madrid

**Start date:** 2018

**End date:** 11/2020

**Entity:** Universidad Europea de Madrid

**Type of entity:** University

- 7 Name of the course:** Edición On-line. Clses on-line: “La industria farmacéutica. Desarrollo de un medicamento”, “Comunicación científica y publicación de resultados”, “Manejo básico, aplicado del SPSS”, “Prevención de riesgos laborales en un ECV”, “Toma, conservación y envío de muestras”

**University degree:** Máster Universitario. Máster en “Ensayos Clínicos Veterinarios”. Universidad Europea de Madrid

**Start date:** 2018

**End date:** 11/2020

**Entity:** Universidad Europea de Madrid

**Type of entity:** University

- 8 Name of the course:** Edición On-line. Coordinación módulo 4: “Bioestadística y Epidemiología Veterinaria”

**University degree:** Máster Universitario. Máster en “Ensayos Clínicos Veterinarios”. Universidad Europea de Madrid

**Start date:** 2018

**End date:** 11/2020

**Entity:** Universidad Europea de Madrid

**Type of entity:** University

- 9 Name of the course:** Seminario práctico “seminario de procesado estadístico. Abordaje estadístico de los datos de un ECV”

**University degree:** Máster Universitario. Máster en “Ensayos Clínicos Veterinarios”. Universidad Europea de Madrid

**Start date:** 2017

**End date:** 11/2020

**Entity:** Universidad Europea de Madrid

**Type of entity:** University

- 10 Name of the course:** Curso de Especialización en Reproducción. Edición on-line. “Sincronización de la ovulación en el bovino: el sistema Ovsynch”.

**University degree:** Curso Título Propio ANEMBE.

**Start date:** 2014

**End date:** 2016

**Entity:** ASOCIACION NACIONAL DE ESPECIALISTAS EN MEDICINA BOVINA DE ESPAÑA

**Type of entity:** Associations and Groups

- 11 Name of the course:** . Clase “Biotecnologías de la reproducción en especies de interés veterinario”

**University degree:** Curso Título Propio.

**Start date:** 2013

**End date:** 2014

**Entity:** Facultad de Veterinaria, Universidad Complutense de Madrid.

**Type of entity:** University

**Faculty, institute or centre:** FACULTAD DE VETERINARIA

- 12 Name of the course:** Clase: “Programas de gestión de la reproducción. Índices reproductivos y aspectos económicos”: Asignatura “Alteraciones de la Reproducción en Ganadería”

**University degree:** Máster Universitario. Máster en Ciencias Veterinarias.

**Start date:** 2009

**End date:** 2013

**Entity:** Universidad Complutense de Madrid

**Type of entity:** University

**Faculty, institute or centre:** Facultad de Veterinaria



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

- 1** **Project title:** Estrategias de manejo para la optimización productiva en explotaciones de bovino de leche de alta producción  
**Entity:** Facultad de Veterinaria, UCM **Type of entity:** University  
**Student:** Raquel Patrón Collantes  
**Obtained qualification:** Sobresaliente cum-laude  
**Date of reading:** 29/09/2022
- 2** **Project title:** Trabajo fin de Grado (TFG): Andrea López Saturnino. Estrategias de manejo comparadas en terneras holstein desde la lactancia y en diferentes fases de su vida productiva  
**Entity:** Facultad de Veterinaria UCM **Type of entity:** University  
**Student:** Andrea López Saturnino  
**Obtained qualification:** Sobresaliente  
**Date of reading:** 21/07/2022
- 3** **Project title:** Trabajo fin de Máster (TFM): Ivo Rodrigues Medeiros. Production and Veterinary Herd Health Management in dairy farms from São Miguel Island (Azores) veterinarians' and farmers' perceptions  
**Entity:** Facultad de Veterinaria, University of Trás-os-Montes e Alto Douro, Vila Real, Portugal **Type of entity:** University  
**Student:** Ivo Rodrigues Medeiros  
**Date of reading:** 21/02/2022
- 4** **Project title:** Mejora en los sistemas de manejo reproductivo y productivo en ganaderías de vacuno españolas. Factores determinantes  
**Entity:** Facultad de Veterinaria, UCM **Type of entity:** University  
**Student:** Aitor Fernandez Novo  
**Obtained qualification:** Sobresaliente cum-laude  
**Date of reading:** 25/11/2021
- 5** **Project title:** Trabajo fin de Máster (TFM): Natalie Marilia Piscoya Orellana. Efecto del tiempo hasta el análisis, de la temperatura de conservación de las muestras y del diluyente empleado sobre los parámetros cinéticos espermáticos, con metodología CASA, en el marco de la Valoración de la Aptitud Reproductiva de los Toros (VART)  
**Entity:** Facultad de Veterinaria UCM **Type of entity:** University  
**Student:** Natalie Marilia Piscoya Orellana  
**Date of reading:** 23/09/2021
- 6** **Project title:** Trabajo fin de Grado (TFG): Elisa Cáceres Martín. Efectos Evaluación seminal en el marco de la Evaluación de la Aptitud Reproductiva de los toros (VART)  
**Entity:** Facultad de Veterinaria UCM **Type of entity:** University  
**Student:** Elisa Cáceres Martín  
**Date of reading:** 25/02/2021
- 7** **Project title:** Trabajo fin de Máster (TFM): Aizic Garrafa Barrios. Caracterización de los parámetros seminales y puesta a punto del sistema de análisis de imagen CASA, para la descripción de la cinética espermática, en toros de raza wagyu, en condiciones de granja  
**Entity:** Facultad de Veterinaria UCM **Type of entity:** University  
**Student:** Aizic Garrafa Barrios  
**Date of reading:** 24/09/2020



- 8** **Project title:** Trabajo fin de Máster (TFM): María Gómez García. Determinación del protocolo óptimo de congelación de semen en toros de raza wagyu en condiciones de producción españolas.  
**Entity:** Facultad de Veterinaria UCM **Type of entity:** University  
**Student:** María Gómez García  
**Date of reading:** 06/07/2020
- 9** **Project title:** Strategies based on epigenetics and development programming for the improvement of animal production  
**Co-director of thesis:** Susana Astiz; Antonio González de Bulnes Lopez; Juan Vicente Gonzalez Martín  
**Entity:** Facultad de Veterinaria (UCM)  
**City of entity:** Madrid, Spain  
**Student:** Jose Luis Pesantez Pacheco  
**Obtained qualification:** Sobresaliente cum laude por unanimidad  
**Date of reading:** 22/11/2019
- 10** **Project title:** Trabajo fin de Grado (TFG): Pablo Feijoo Vico. Trabajo Fin de Grado. Efectos de la implementación de estrategias reproductivas (con la sistematización de inseminación artificial a tiempo fijo o IATF) y productivas (sistema de camas compostadas) en la producción eficiencia productiva en explotaciones lecheras  
**Entity:** Facultad de Veterinaria UCM **Type of entity:** University  
**Student:** Pablo Feijoo Vico  
**Date of reading:** 25/07/2019
- 11** **Project title:** Actualización de los sistemas de inducción de celos y ovulaciones en ovino).  
**Type of project:** Doctoral thesis  
**Co-director of thesis:** Empar García Roselló; Antonio González de Bulnes Lopez; Susana Astiz  
**Entity:** Facultad de Veterinaria. Universidad CEU **Type of entity:** University  
**Student:** Paula Martínez Ros  
**Obtained qualification:** Cum Laude por unanimidad  
**Date of reading:** 14/07/2017
- 12** **Project title:** Influencia del manejo reproductivo sobre los índices productivos en una explotación intensiva de lactante lechero en España. Bases para la mejora de la productividad.  
**Type of project:** Doctoral thesis  
**Co-director of thesis:** Susana Astiz; Juan Vicente Gonzalez Martín  
**Entity:** Facultad de Veterinaria (UCM) **Type of entity:** University  
**City of entity:** Madrid, Community of Madrid, Spain  
**Student:** Fernando Hernandez  
**Obtained qualification:** Sobresaliente Cum Laude por unanimidad  
**Date of reading:** 18/12/2015
- 13** **Project title:** Características productivas de la raza ovina lechera lactante bajo un sistema de producción intensivo en España. Factores que afectan dichas características.  
**Type of project:** Doctoral thesis  
**Co-director of thesis:** Susana Astiz; Juan Vicente Gonzalez Martin  
**Entity:** Facultad de Veterinaria (UCM) **Type of entity:** University  
**City of entity:** Madrid, Community of Madrid, Spain  
**Student:** Laura Elvira Partida  
**Obtained qualification:** Sobresaliente Cum Laude por unanimidad  
**Date of reading:** 12/12/2015



- 14** **Project title:** Herramientas innovadoras en el diagnóstico del síndrome respiratorio bovino (SRB).  
**Type of project:** Doctoral thesis  
**Co-director of thesis:** Susana Astiz; Juan Vicente Gonzalez Martin; Antonio Gonzalez de Bulnes Lopez  
**Entity:** Facultad de Veterinaria (UCM) **Type of entity:** University  
**City of entity:** Madrid, Community of Madrid, Spain  
**Student:** Natividad Pérez Villalobos  
**Obtained qualification:** Sobresaliente Cum Laude por unanimidad  
**Date of reading:** 02/12/2015
- 15** **Project title:** Estudio mediante técnicas no invasivas del efecto de la programación fetal sobre el crecimiento postnatal en cerdo ibérico.  
**Type of project:** Doctoral thesis  
**Co-director of thesis:** Isabel García; Antonio González-Bulnes; Susana Astiz Blanco  
**Entity:** Facultad de Veterinaria (UCM)  
**City of entity:** Madrid, Community of Madrid, Spain  
**Student:** Susana Blanco Fernandez  
**Obtained qualification:** Sobresaliente Cum Laude por unanimidad  
**Date of reading:** 08/07/2015  
**Quality recognition:** Yes
- 16** **Project title:** Dirección de DEA: Paula Martínez Ros. Estudio comparativo de los índices reproductivos en una explotación de ovino de carne utilizando dos sistemas de intensificación de la reproducción: el cruce industrial en doble etapa con razas romanov, segureña Ile de France, lacaune.  
**Entity:** Facultad Veterinaria Universidad Cardenal Herrera-Oria  
**Student:** Paula Martínez ros  
**Date of reading:** 20/12/2010
- 17** **Project title:** Dirección de DEA: Xavier Vallcecabres Torres. Rentabilidad comparada del cebo de corderos cruce Ile de France con F1 (romanov-segureña) administrando cuatro tipos distintos de pienso "blanco" durante la finalización del cebo en una explotación de producción intensiva  
**Entity:** Facultad Veterinaria Universidad Cardenal Herrera-Oria **Type of entity:** University  
**Student:** Xavier Valdecabres Torres  
**Date of reading:** 20/12/2010
- 18** **Project title:** Relaciones topográficas de la pelvis y el aparato reproductor externo de la vaca. Consideraciones sobre su influencia en la selección genética y en la fertilidad  
**Type of project:** Doctoral thesis  
**Co-director of thesis:** Susana Astiz; Francisco Mazzuchelli  
**Entity:** Facultad de Veterinaria (UCM)  
**City of entity:** Madrid, Community of Madrid, Spain  
**Student:** Luis Ayala Guanga  
**Obtained qualification:** Sobresaliente Cum Laude por unanimidad  
**Date of reading:** 20/12/2001  
**Quality recognition:** No

## Student tutorials

- 1** **Name of the programme:** Educational aid  
**Entity:** CSIC-INIA (INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA)  
**City of entity:** Madrid,  
**Frequency of the activity:** 11  
**Number of tutored students:** 11  
**Type of entity:** State agency
- 2** **Name of the programme:** Asignatura Estancias  
**Entity:** Facultad de Veterinaria, UCM  
**City of entity:** Madrid, Community of Madrid, Spain  
**Frequency of the activity:** 15  
**Number of tutored students:** 15
- 3** **Name of the programme:** Dirección de DEA  
**Entity:** Universidad Cardenal Herrera CEU  
**City of entity:** Valencia,  
**Frequency of the activity:** 2  
**Number of tutored students:** 2  
**Type of entity:** University
- 4** **Name of the programme:** TFM/TFG  
**Entity:** Universidad Complutense de Madrid  
**City of entity:** Madrid, Community of Madrid, Spain  
**Frequency of the activity:** 7  
**Number of tutored students:** 7  
**Type of entity:** University

## Teaching experience in courses and seminars for university teacher training

- 1** **Type of event:** Workshop  
**Name of the event:** Sesión formación para veterinarios de ADS de Galicia: Título: "Determinación de factores de riesgo de un mal encalostrado en granja".  
**City organizing entity:** On-line,  
**Organising entity:** Boehringer Ingelheim España, S.A.  
**Hours of teaching:** 2  
**Teaching date:** 23/11/2022  
**Type of participation:** Participatory - invited/keynote talk
- 2** **Type of event:** Workshop  
**Name of the event:** Sesión formación para veterinarios de ADS de Asturias: Título: "Patología inmune en la vaca".  
**City organizing entity:** On-line,  
**Organising entity:** Boehringer Ingelheim Spain.  
**Hours of teaching:** 1  
**Teaching date:** 19/10/2022  
**Type of participation:** Participatory - invited/keynote talk  
**Type of entity:** Business



- 3** **Type of event:** Workshop  
**Name of the event:** Ciclo de Conferencias Virtuales de Ciencia Animal UAAAN-UL. Sesión On-line. Título: El Secado desde el punto de vista de la vaca  
**City organizing entity:** On-line,  
**Organising entity:** Universidad de Torreón, Coahuilla, **Type of entity:** University  
México  
**Hours of teaching:** 3  
**Teaching date:** 06/10/2022  
**Type of participation:** Participatory - invited/keynote talk
- 4** **Type of event:** Seminar  
**Name of the event:** Seminario formativo sobre la modulación de la calidad de la carne. Título: De la granja a la mesa"... ¿sólo una frase hecha?  
**City organizing entity:** On-line,  
**Organising entity:** Aula Empresa Carne **Type of entity:** Business  
**Hours of teaching:** 3  
**Teaching date:** 18/04/2022  
**Type of participation:** Participatory - invited/keynote talk
- 5** **Type of event:** Seminar  
**Name of the event:** Xerrada Sobre Sortides Professionals de Veterinaria. Título: La actividad profesional en veterinaria: un mundo inmenso y con muuuchas oportunidades!!!!?  
**City organizing entity:** On-line,  
**Organising entity:** Universidad Lleida **Type of entity:** University  
**Hours of teaching:** 1  
**Teaching date:** 08/03/2022  
**Type of participation:** Participatory - invited/keynote talk
- 6** **Type of event:** Seminar  
**Name of the event:** Formación on-line  
**City organizing entity:** On-line,  
**Organising entity:** Consejo General de Veterinarios de España **Type of entity:** Orangismo Profesional  
**Teaching date:** 26/11/2021
- 7** **Type of event:** Seminar  
**Name of the event:** Cara a cara frente a la mastitis y la fertilidad  
**Organising entity:** Boehringer Ingelheim España, S.A. **Type of entity:** Business  
**Hours of teaching:** 3  
**Teaching date:** 15/07/2020
- 8** **Type of event:** Seminar  
**Name of the event:** Cara a cara. Pérdidas de fetales termprarnas  
**Organising entity:** Boehringer Ingelheim España, S.A. **Type of entity:** Business  
**Hours of teaching:** 3  
**Teaching date:** 21/05/2020
- 9** **Type of event:** Workshop  
**Name of the event:** O secado depende o punto de vista da vaca  
**Organising entity:** AFRICOR-LUGO  
**Hours of teaching:** 1



**Teaching date:** 05/03/2020

**10 Type of event:** Workshop

**Name of the event:** Sesión Científica para Veterinarios: Eficacia del uso prudente de bencilpenicilina (Ubropen®) y Meloxicam (Metacam®) en el tratamiento de mastitis clínica de grados 1, 2 y 3

**Organising entity:** Boehringer Ingelheim España, S.A. **Type of entity:** Business

**Hours of teaching:** 9

**Teaching date:** 18/02/2020

**11 Type of event:** Workshop

**Name of the event:** Sesión Científica para Veterinarios: Eficacia del uso prudente de bencilpenicilina (Ubropen®) y Meloxicam (Metacam®) en el tratamiento de mastitis clínica de grados 1, 2 y 3

**Organising entity:** Boehringer Ingelheim España, S.A. **Type of entity:** Business

**Hours of teaching:** 9

**Teaching date:** 18/02/2020

**12 Type of event:** Sesión científica

**Name of the event:** Epidemiología de la BVD en nuestra granja: diagnóstico presuntivo y diferencial; Epidemiología de la IBR. en nuestra granja: diagnóstico presuntivo y diferencial. Sesión Científica para Veterinarios.

**Organising entity:** Boehringer Ingelheim España, S.A.

**Target group profile:** Veterinarios

**Hours of teaching:** 3

**Teaching date:** 16/05/2019

**Corresponding author:** Yes

**13 Type of event:** Sesión científica

**Name of the event:** Impact of IBR regulation on BVD reality in Spain. Sesión Científica Grupo internacional de expertos Bovela.

**Organising entity:** Boehringer Ingelheim España, S.A. **Type of entity:** Business

**Target group profile:** Expertos

**Teaching date:** 03/05/2019

**14 Type of event:** sesión científica

**Name of the event:** Epidemiología de la BVD en nuestra granja: diagnóstico presuntivo y diferencial; Epidemiología de la IBR. en nuestra granja: diagnóstico presuntivo y diferencial. Sesión Científica para Veterinarios. Sevilla

**Organising entity:** Boehringer Ingelheim España, S.A.

**Target group profile:** veterinarios

**Teaching date:** 25/04/2019

**Corresponding author:** Yes

**15 Type of event:** Workshop

**Name of the event:** Ensayos Clínicos Veterinarios: una puerta abierta a una salida profesional desconocida. Jornada de Formación. Colegio Veterinarios Lleida.

**Organising entity:** Colegio oficial de veterinarios de Lleida **Type of entity:** Colegio veterinario

**Target group profile:** veterinarios

**Teaching date:** 28/03/2019

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

**Corresponding author:** Yes

**16 Type of event:** Sesión científica

**Name of the event:** Epidemiología de la BVD en nuestra granja: diagnóstico presuntivo y diferencial; Epidemiología de la IBR. en nuestra granja: diagnóstico presuntivo y diferencial. Sesión Científica para Veterinarios. Soto del Barco, Asturias

**Organising entity:** Boehringer Ingelheim España, S.A.

**Target group profile:** Veterinarios

**Teaching date:** 21/03/2019

**Corresponding author:** Yes

**17 Type of event:** Reunión técnico-veterinaria

**Name of the event:** Basándonos en la evidencia: ¿Podemos recomendar el consumo de leche y productos lácteos? Reunión técnico-veterinaria "SoloMamitis".

**Organising entity:** Boehringer Ingelheim España, S.A. **Type of entity:** Business

**Target group profile:** Veterinarios

**Teaching date:** 19/03/2019

**18 Type of event:** Reunión técnico-veterinaria

**Name of the event:** Manejo reproductivo en la vaca nodriza en España: actualización. Reunión técnico-veterinaria "SoloExtensivo". Madrid

**Organising entity:** Boehringer Ingelheim España, S.A. **Type of entity:** Business

**Target group profile:** veterinarios

**Teaching date:** 13/03/2019

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

**19 Type of event:** Workshop

**Name of the event:** Manejo reproductivo en Ganado Lechero. I Jornadas Internacionales Medicina Reproductiva Bovina.

**Organising entity:** Universidad Católica de Valencia. **Type of entity:** University

**Teaching date:** 11/03/2019

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

**Corresponding author:** Yes

**20 Type of event:** Workshop

**Name of the event:** Salidas profesionales para los veterinarios de rumiantes". IV Jornadas de Medicina de Rumiantes de Canarias in memoriam Marco Marco Suárez Marín. Universidad de Las Palmas de gran Canaria (ULPGC)

**City organizing entity:** Las Palmas de Gran Canaria,

**Organising entity:** IV Jornadas de Medicina de Rumiantes de Canarias in memoriam Marco Marco Suárez Marín. Universidad de Las Palmas de gran Canaria (ULPGC)

**Teaching date:** 09/03/2019

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

**21 Type of event:** Sesión formación para veterinarios.

**Name of the event:** Plan vacunal en mi explotación: ¿cómo diseñarlo/modificarlo?

**City organizing entity:** Cordoba, Andalusia, Spain

**Organising entity:** Colegio de Veterinarios de Córdoba. **Type of entity:** colegio veterinario

**Target group profile:** veterinarios

**Teaching date:** 15/11/2018

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

**Corresponding author:** Yes

**22 Type of event:** Sesión científica

**Name of the event:** Epidemiología de la BVD en nuestra granja: diagnóstico presuntivo y diferencial; Epidemiología de la IBR. en nuestra granja: diagnóstico presuntivo y diferencial. Sesión Científica para Veterinarios ADS de Galicia

**Organising entity:** Boehringer Ingelheim, Spain

**Target group profile:** Veterinarios

**Teaching date:** 17/10/2018

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

**Corresponding author:** Yes

**23 Type of event:** Workshop

**Name of the event:** Control precoz del SRB con mínima antibioterapia: metafilaxis basada en la temperatura III Jornadas de Medicina de Rumiantes de la Universidad de Las Palmas de Gran Canaria In Memoriam Marco Suárez Marín.

**City organizing entity:** Las Palmas de Gran Canaria, Canary Islands, Spain

**Organising entity:** III Jornadas de Medicina de Rumiantes de la Universidad de Las Palmas de Gran Canaria In Memoriam Marco Suárez Marín.

**Type of entity:** Associations and Groups

**Hours of teaching:** 1

**Teaching date:** 27/10/2017

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

**Corresponding author:** Yes

**24 Type of event:** Workshop

**Name of the event:** "Mejora en el rendimiento reproductivo de las vacas con mastitis. Uso del Metacam".Jornadas organizadas por Boehringer Ingleheim Animal Health Lleida

**Organising entity:** Boehringer Ingleheim

**Type of entity:** Business

**Teaching date:** 20/06/2017

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

**Corresponding author:** Yes

**25 Type of event:** Workshop

**Name of the event:** "Mejora en el rendimiento reproductivo de las vacas con mastitis. Uso del Metacam".Jornadas organizadas por Boehringer Ingleheim Animal Health Vic -Barcelona

**Organising entity:** Boehringer Ingleheim

**Type of entity:** Business

**Teaching date:** 19/06/2017

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

**Corresponding author:** Yes

**26 Type of event:** Workshop

**Name of the event:** "Mejora en el rendimiento reproductivo de las vacas con mastitis. Uso del Metacam".Jornadas organizadas por Boehringer Ingleheim Animal Health Talavera de la Reina, Toledo

**Organising entity:** Boehringer Ingleheim

**Type of entity:** Business

**Teaching date:** 15/06/2017

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

**Corresponding author:** Yes

**27 Type of event:** Workshop

**Name of the event:** "Mejora en el rendimiento reproductivo de las vacas con mastitis. Uso del Metacam".Jornadas organizadas por Boehringer Ingleheim Animal Health Córdoba

**Organising entity:** Boehringer Ingleheim

**Type of entity:** Business

**Teaching date:** 14/06/2017



**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes

**28 Type of event:** Workshop

**Name of the event:** "Mejora en el rendimiento reproductivo de las vacas con mastitis. Uso del Metacam". Jornadas organizadas por Boehringer Ingelheim Animal Health León

**Organising entity:** Boehringer Ingelheim

**Type of entity:** Business

**Teaching date:** 23/05/2017

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

**Corresponding author:** Yes

**29 Type of event:** Workshop

**Name of the event:** "Mejora en el rendimiento reproductivo de las vacas con mastitis. Uso del Metacam". Jornadas organizadas por Boehringer Ingelheim Animal Health Santiago de Compostela

**Organising entity:** Boehringer Ingelheim

**Type of entity:** Business

**Teaching date:** 09/05/2017

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

**Corresponding author:** Yes

**30 Type of event:** Workshop

**Name of the event:** "Mejora en el rendimiento reproductivo de las vacas con mastitis. Uso del Metacam". Jornadas organizadas por Boehringer Ingelheim Animal Health Lugo

**Organising entity:** Boehringer Ingelheim

**Type of entity:** Business

**Teaching date:** 08/05/2017

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

**Corresponding author:** Yes

**31 Type of event:** Workshop

**Name of the event:** "Mejora en el rendimiento reproductivo de las vacas con mastitis. Uso del Metacam". Jornadas organizadas por Boehringer Ingelheim Animal Health Cantabria

**Organising entity:** Boehringer Ingelheim

**Type of entity:** Business

**Teaching date:** 26/04/2017

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

**Corresponding author:** Yes

**32 Type of event:** Workshop

**Name of the event:** "Mejora en el rendimiento reproductivo de las vacas con mastitis. Uso del Metacam". Jornadas organizadas por Boehringer Ingelheim Animal Health Asturias

**Organising entity:** Boehringer Ingelheim

**Type of entity:** Business

**Teaching date:** 25/04/2017

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

**Corresponding author:** Yes

**33 Type of event:** Workshop

**Name of the event:** Qué tenemos que tener en cuenta a la hora de introducir novillas en nuestra explotación?"X Jornada Técnica de Producción de Leche, Africor.

**Organising entity:** AFRICOR-LUGO

**Hours of teaching:** 1

**Teaching date:** 24/02/2017

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

**Corresponding author:** Yes

**34 Type of event:** Reunión científica**Name of the event:** Revisión Mastitis-Fertilidad. Estudio FERTILE. Reunión científica Osorno, Chile**Organising entity:** Boehringer Ingelheim España, S.A. **Type of entity:** Business**Target group profile:** Técnicos**Hours of teaching:** 1**Teaching date:** 29/11/2016**Type of participation:** Participatory - oral communication**Corresponding author:** Yes**35 Type of event:** Reunión científica**Name of the event:** Revisión Mastitis-Fertilidad. Estudio FERTILE. Reunión científica Universidad Católica Temuco, Chile**Organising entity:** Boehringer Ingelheim España, S.A. **Type of entity:** Business**Target group profile:** Técnicos**Hours of teaching:** 1**Teaching date:** 28/11/2016**Type of participation:** Participatory - oral communication**Corresponding author:** Yes**36 Type of event:** Reunión científica**Name of the event:** Revisión Mastitis-Fertilidad. Estudio FERTILE. Reunión científica Valdivia, Chile**Organising entity:** Boehringer Ingelheim España, S.A. **Type of entity:** Business**Target group profile:** Técnicos**Hours of teaching:** 1**Teaching date:** 28/11/2016**Type of participation:** Participatory - oral communication**Corresponding author:** Yes**37 Type of event:** Workshop**Name of the event:** Medidas de control del BVD en las explotaciones. Jornada de presentación primeros resultados Bovela.Santiago de Compostela.**Organising entity:** Boehringer Ingelheim España, S.A. **Type of entity:** Business**Hours of teaching:** 1**Teaching date:** 28/04/2016**Type of participation:** Participatory - oral communication**Corresponding author:** Yes**38 Type of event:** jornada informativa**Name of the event:** Producción de leche en España: la leche es un producto seguro y saludable.Grupo de Pediatras de Ambulatorio. Ambulatorio Chamartín**Target group profile:** Pediatras**Hours of teaching:** 1**Teaching date:** 27/04/2016**Type of participation:** Participatory - oral communication**Corresponding author:** Yes**39 Type of event:** Workshop**Name of the event:** Medidas de control del BVD en las explotaciones. Jornada de presentación primeros resultados Bovela.Oviedo, Asturias.**Organising entity:** Boehringer Ingelheim España, S.A. **Type of entity:** Business



**Hours of teaching:** 1

**Teaching date:** 31/03/2016

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

**Corresponding author:** Yes

**40 Type of event:** Workshop

**Name of the event:** Planes de control para la BVD en granjas bovinas en Asturias: papel de BOVELA. Hotel Palacio de la Madalena, Soto del Barco, Asturias

**Organising entity:** Boehringer Ingelheim España, S.A. **Type of entity:** Business

**Teaching date:** 31/03/2016

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

**41 Type of event:** Workshop

**Name of the event:** Estrategias de erradicación de la Diarrea Vírica Bovina (BVD) en Europa. Santiago de Compostela

**Teaching date:** 09/12/2015

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

**42 Type of event:** Workshop

**Name of the event:** Actualización sobre la enfermedad de la diarrea vírica bovina (BVD). Jornada Técnica Lanzamiento BOVELA Baiona, Galicia

**Organising entity:** Boehringer Ingelheim España, S.A. **Type of entity:** Business

**Teaching date:** 11/03/2015

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

**43 Type of event:** Grupo de trabajo

**Name of the event:** Descripción de estrategias de trabajo para la detección de casos clínicos de BVD. Grupo de trabajo internacional de Boehringer-Ingelheim. Mainz (Alemania)

**Organising entity:** Boehringer-Ingelheim.

**Type of entity:** Business

**Teaching date:** 25/03/2014

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

**Corresponding author:** Yes

**44 Type of event:** Clase

**Name of the event:** Biotecnologías de la reproducción en ovino y porcino

**Organising entity:** Universidad de Cuenca, Ecuador.

**Target group profile:** Estudiantes

**Hours of teaching:** 8

**Teaching date:** 2014

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

**Corresponding author:** Yes

**45 Type of event:** Seminar

**Name of the event:** Hormonal reproduction systems and our experience in dairy farms in Spain MSD-Seminario. Santiago de Compostela.

**Organising entity:** Merck Sharp & Dohme España, S.A. **Type of entity:** Business

**Teaching date:** 12/12/2013

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

**Corresponding author:** Yes



- 46** **Type of event:** Grupo de trabajo  
**Name of the event:** Métodos de diagnóstico y monitorización de BVD en explotaciones vacunadas con MLV. Grupo de trabajo internacional de Boehringer-ingelheim. Nantes  
**Organising entity:** Boehringer-ingelheim **Type of entity:** Business  
**Target group profile:** Expertos  
**Hours of teaching:** 1  
**Teaching date:** 15/11/2013  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes
- 47** **Type of event:** Grupo de trabajo  
**Name of the event:** Métodos de diagnóstico y monitorización de BVD en explotaciones vacunadas con MLV. Grupo de trabajo internacional de Boehringer-ingelheim. París  
**Organising entity:** Boehringer-ingelheim **Type of entity:** Business  
**Target group profile:** Expertos  
**Hours of teaching:** 1  
**Teaching date:** 14/11/2013  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes
- 48** **Type of event:** Seminar  
**Name of the event:** Manejo Reproductivo en rebaños de ovino de carne: introducción  
**Organising entity:** Colegio Veterinario de Lleida **Type of entity:** Colegio veterinario  
**Target group profile:** Colegiados  
**Teaching date:** 09/10/2013  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes
- 49** **Type of event:** Seminar  
**Name of the event:** "Muestreo, conservación y envíos de muestras biológicas en las necropsias en veterinaria". Seminario monográfico, Colegio de Veterinarios de Madrid.  
**Organising entity:** Colegio oficial de veterinarios de Madrid. **Type of entity:** Associations and Groups  
**Target group profile:** Colegiados  
**Teaching date:** 16/09/2013  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes
- 50** **Type of event:** Seminar  
**Name of the event:** "Reproduction management in heifers. Spain: an overview". Ceva Scientific Seminar: ReprodAction. La Seu D'Urgell, Lleida, Spain  
**Organising entity:** CEVA SALUD ANIMAL, S.A.  
**Teaching date:** 16/04/2013  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes
- 51** **Type of event:** Grupo de trabajo  
**Name of the event:** "Situación de la BVD en España". Grupo de trabajo internacional Boehringer-Ingelheim. Barcelona  
**Organising entity:** Boehringer Ingelheim España, S.A. **Type of entity:** Business  
**Target group profile:** Expertos



**Teaching date:** 15/04/2013

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

**Corresponding author:** Yes

**52 Type of event:** Workshop

**Name of the event:** "Bienestar Animal y Wellbeing en Produccion Animal". INIA Forum Madrid.

**Organising entity:** INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )

**Teaching date:** 09/04/2013

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

**Corresponding author:** Yes

**53 Type of event:** Conference

**Name of the event:** "Relevance of the reproductive programs and reproductive index at bovine farms". XXXIV Curso Internacional de Reproducción Animal

**Organising entity:** INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )

**Target group profile:** Profesionales

**Teaching date:** 11/2011

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

**Corresponding author:** Yes

**54 Type of event:** Workshop

**Name of the event:** "Reproductive state in dairy farms in Spain: reproductive index in our farms". 1st Vegadeo Bovine Conference (ASCOVE).

**Organising entity:** ASCOVE

**Type of entity:** Associations and Groups

**Teaching date:** 21/10/2011

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

**Corresponding author:** Yes

**55 Type of event:** Clases en Master

**Name of the event:** : Clase máster Universitario. Master en Biología y Tecnología de la Reproducción. Facultad de Medicina, Universidad de Oviedo. Clases: "Bienestar en animales de granja: introducción"; "Bienestar Animal: cuidados de los animales de granja en experimentación animal"; Bienestar Animal: Instalaciones de los animales de granja en experimentación animal"; "Bienestar en animales de granja"

**Organising entity:** Facultad de Medicina, Universidad de Oviedo.

**Target group profile:** Estudiantes

**Hours of teaching:** 5

**Teaching date:** 14/09/2011

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

**Corresponding author:** Yes

**56 Type of event:** Curso de formación continuada

**Name of the event:** "Housing and care of farm animals". Curso Formación Continuada (INIA).

**Organising entity:** INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )

**Teaching date:** 02/06/2011

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

**Corresponding author:** Yes



- 57** **Type of event:** Clase-Curso  
**Name of the event:** Diploma “Biotecnologías de la Reproducción Aplicadas a Especies de Interés Veterinario”  
**Organising entity:** Universidad Complutense de Madrid **Type of entity:** University  
**Teaching date:** 2011  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes
- 58** **Type of event:** Clases Curso de formación universitaria  
**Name of the event:** Clases “Fisiología Reproductiva en el Bovino; ¿Ya no hay nada que decir respecto de la inseminación artificial en el bovino?; Transferencia de embriones en el bovino: actualización; Últimos avances en los programas de sincronización de ciclos en el bovino. Curso Formación Universitario: “Actualización en técnicas de reproducción asistida y manejo reproductivo en rumiantes” Universidad de la República de Uruguay. Facultad de Veterinaria: Postgrados Académicos y Especializaciones. Dirección INIA  
**Organising entity:** Facultad de veterinaria Universidad de la República de Uruguay.  
**Target group profile:** Estudiantes  
**Teaching date:** 2011  
**Type of participation:** Participatory - oral communication
- 59** **Type of event:** Seminar  
**Name of the event:** “Importancia de las cojeras en el ganado bovino”. Seminario Colegio de Veterinarios de Lérida. Seu D’Urgell, Lérida.  
**Organising entity:** Colegio de veterinarios de Lérida **Type of entity:** Associations and Groups  
**Teaching date:** 18/11/2010  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes
- 60** **Type of event:** Foro  
**Name of the event:** “Lengua Azul. Radiografía y análisis de un problema”. 12º Foro Aranda. Foro Nacional de Ovino.  
**Teaching date:** 08/06/2010  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes
- 61** **Type of event:** Seminar  
**Name of the event:** “Producción de Leche de Calidad en Origen ¿Cómo se trabaja en las explotaciones de bovino lechero?”. Seminario Leche, un alimento para todos”; Instituto Tomás Pascual Sanz para la Nutrición y la Salud y UAB.  
**Organising entity:** Instituto Tomás Pascual Sanz para la Nutrición y la Salud y UAB.  
**Teaching date:** 12/05/2010  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes
- 62** **Type of event:** Workshop  
**Name of the event:** “Relevancia de los planes sanitarios en el ganado ovino”. Jornadas de Ovino. COPRECA. Cáceres  
**Organising entity:** COPRECA  
**Teaching date:** 02/03/2010  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes



- 63** **Type of event:** Seminar  
**Name of the event:** “Residuos Antibióticos en Leche. Problemática y Prevención”. Seminario Colegio de Veterinarios de Lérida.  
**Organising entity:** Colegio de Veterinarios de Lérida **Type of entity:** Associations and Groups  
**Target group profile:** Colegiados  
**Teaching date:** 18/02/2010  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes
- 64** **Type of event:** Clase-Curso  
**Name of the event:** Clase curso Título Propio: “Elección y adaptación de los protocolos hormonales en el campo. Inseminación Artificial a Tiempo Fijo (IAT): la realidad en las granjas lecheras”  
**Organising entity:** Universidad Complutense de Madrid **Type of entity:** University  
**Teaching date:** 2010  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes
- 65** **Type of event:** Workshop  
**Name of the event:** “Lengua azul: situación actual.” II Jornadas de Medicina de Rumiantes, Las Palmas de Gran Canaria,  
**Hours of teaching:** 1  
**Teaching date:** 24/10/2008  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes
- 66** **Type of event:** Workshop  
**Name of the event:** “Farmacovigilancia: una labor de todos”. II Jornadas de Medicina de Rumiantes, Las Palmas de Gran Canaria  
**Hours of teaching:** 1  
**Teaching date:** 23/10/2008  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes
- 67** **Type of event:** Workshop  
**Name of the event:** “Plan sanitario aplicado a la cría en las granjas lecheras”.II Jornadas de Reproducción Lalín, Galicia.  
**Hours of teaching:** 1  
**Teaching date:** 27/03/2008  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes
- 68** **Type of event:** Workshop  
**Name of the event:** “Formación en la medicina de Rumiantes: Salidas para los recién licenciados .VII Jornadas de Medicina Veterinaria de Rumiantes 2008  
**Teaching date:** 2008  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes
- 69** **Type of event:** Seminar  
**Name of the event:** “The cryptosporidiosis: technical details”. International Seminar NUTRAL SA. Madrid  
**Organising entity:** Nutral, S A **Type of entity:** Business



**Teaching date:** 08/06/2006

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

**Corresponding author:** Yes

**70 Type of event:** Workshop

**Name of the event:** "Formación del veterinario especializado en vacuno".I Jornadas de Medicina Veterinaria de Rumiantes: ANEMBE-IVSA-Lugo.

**Organising entity:** ANEMBE-IVSA

**Teaching date:** 10/03/2006

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

**Corresponding author:** Yes

**71 Type of event:** Workshop

**Name of the event:** : "Manejo de la recría en su primera fase: nacimiento-destete". (45 min.). V Jornadas Técnicas de Vacuno de Leche SERVET-TALavera

**Organising entity:** SERVET-TALavera

**Type of entity:** Business

**Teaching date:** 17/11/2005

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

**Corresponding author:** Yes

**72 Type of event:** Workshop

**Name of the event:** "Claves en el manejo de la recría: parto - primer mes de vida".VI Jornadas Internacionales de ganado Vacuno A.V.E.B.U. Facultad de Veterinaria de Lugo

**Organising entity:** A.V.E.B.U.

**Hours of teaching:** 2

**Teaching date:** 28/04/2005

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

**Corresponding author:** Yes

**73 Type of event:** Workshop

**Name of the event:** "Mesa Redonda: Recién acabado... y ahora ¿qué?" III Jornadas de Medicina Veterinaria de Rumiantes IVSA-Madrid. Facultad de Veterinaria de Madrid

**Target group profile:** Estudiantes

**Hours of teaching:** 2

**Teaching date:** 15/04/2005

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

**Corresponding author:** Yes

**74 Type of event:** Workshop

**Name of the event:** "Claves en el manejo de la recría en su segunda fase: destete hasta el primer año de vida". Segundas Jornadas técnicas veterinarias de vacun de leite.

**Organising entity:** SERAGRO, SDADE.COOP.GALEGA.

**Hours of teaching:** 1

**Teaching date:** 12/11/2004

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

**Corresponding author:** Yes

**75 Type of event:** Workshop

**Name of the event:** "Claves en el manejo de la recría: parto – primer mes de vida".Primeras Jornadas técnicas veterinarias de vacun de leite.

**Organising entity:** SERAGRO, SDADE. COOP. GALEGA. Facultad de Veterinaria de Lugo.



**Hours of teaching:** 1

**Teaching date:** 10/11/2003

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

**Corresponding author:** Yes

**76 Type of event:** Seminar

**Name of the event:** "Importancia económica de la mastitis". Primer Seminario Internacional Agropecuario CREA Cuenca, Ecuador.

**Organising entity:** Institució Catalana de Recerca i Estudis Avançats

**Hours of teaching:** 1

**Teaching date:** 29/10/2003

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

**Corresponding author:** Yes

**77 Type of event:** Seminar

**Name of the event:** "Programas de control de la reproducción".. Primer Seminario Internacional Agropecuario CREA Cuenca, Ecuador.

**Organising entity:** Institució Catalana de Recerca i Estudis Avançats

**Hours of teaching:** 1

**Teaching date:** 29/10/2003

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

**Corresponding author:** Yes

**78 Type of event:** Seminar

**Name of the event:** "Programas de control de la reproducción".. Primer Seminario Internacional Agropecuario CREA Cuenca, Ecuador.

**Organising entity:** Institució Catalana de Recerca i Estudis Avançats

**Hours of teaching:** 1

**Teaching date:** 29/10/2003

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

**Corresponding author:** Yes

**79 Type of event:** Workshop

**Name of the event:** : "Recién acabado, y ahora ¿¿qué??". I Jornadas de Medicina Veterinaria de Rumiantes IVSA. Facultad de Veterinaria de Madrid.

**Organising entity:** Facultad de Veterinaria de Madrid. Universidad Complutense de Madrid

**Hours of teaching:** 1

**Teaching date:** 03/04/2003

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

**Corresponding author:** Yes

## Scientific and technological experience

### Scientific or technological activities

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

- 1** **Name of the project:** CDTI-IDI-20200936. Research on and development of new nutritional and social management strategies of Holstein rearing calves  
**Entity where project took place:** Cowvet SL y granja Titaguas **Type of entity:** Business  
**City of entity:** Valencia, Spain  
**Name principal investigator (PI, Co-PI....):** Susana Astiz Blanco  
**Nº of researchers:** 5  
**Funding entity or bodies:** Centro para el Desarrollo Tecnológico Industrial **Type of entity:** Business  
**Start-End date:** 12/2020 - 31/03/2023  
**Total amount:** 45.000 €
- 2** **Name of the project:** CDTI-IDI-20180254. Development of a sustainable production system for differentiated beef meat, based on the Japanese Wagyu breed and its crosses, in Spain. Mean Researcher  
**Entity where project took place:** Fincas del Turia SL (granja)  
**City of entity:** Teruel-Valencia, Spain  
**Name principal investigator (PI, Co-PI....):** Susana Astiz Blanco  
**Nº of researchers:** 5  
**Funding entity or bodies:** Centro para el Desarrollo Tecnológico Industrial **Type of entity:** Business  
**Start-End date:** 01/01/2018 - 01/07/2021  
**Total amount:** 95.000 €
- 3** **Name of the project:** AGL2016-79321-C2-1-R Individual and nutritional determinants of the homogeneity and yields in Iberian Swine production. Researcher at 50% of dedication.  
**Degree of contribution:** Researcher  
**Entity where project took place:** UNIVERSIDAD UCM y Dpto Reproducción Animal (INIA) **Type of entity:** Public Research Body  
**City of entity:** Madrid, Community of Madrid, Spain  
**Name principal investigator (PI, Co-PI....):** Antonio González de Bulnes Lopez  
**Nº of researchers:** 4  
**Funding entity or bodies:** Ministerio de Ciencia e Innovación **Type of entity:** Plan Estatal  
**Type of participation:** Team member  
**Start-End date:** 01/01/2017 - 01/01/2020  
**Total amount:** 175.000 €



- 4** **Name of the project:** AGL2015-72198-exp. Metformin in IUGR pregnancies: A paradoxical use for a hypoglycaemic agent Collaborating Researcher  
**Entity where project took place:** INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )  
**City of entity:** Madrid, Spain  
**Name principal investigator (PI, Co-PI....):** Susana Astiz Blanco; Antonio González de Bulnes López  
**Nº of researchers:** 2  
**Funding entity or bodies:**  
Ministerio de Ciencia e Innovación **Type of entity:** Plan Estatal  
**Start-End date:** 01/01/2017 - 31/12/2019  
**Total amount:** 20.000 €
- 5** **Name of the project:** AGL2015-67409-C2-1-R.Competitiveness of dairy production: from data to decisions. Researcher at 50% of dedication.  
**Degree of contribution:** Researcher  
**Entity where project took place:** UNIVERSIDAD DE la U.A.B.  
**Name principal investigator (PI, Co-PI....):** Sergio Calsamiglia Blancafort  
**Nº of researchers:** 3  
**Funding entity or bodies:**  
Ministerio de Ciencia e Innovación **Type of entity:** Plan Estatal  
**Type of participation:** Team member  
**Start-End date:** 01/01/2016 - 01/01/2019
- 6** **Name of the project:** AGL2013-48121-C3-2-R. Strategies to mitigate within-litter birth-weight variation and its deleterious effects on developmental patterns and meat production in Iberian pigs. Researcher at 50% of dedication  
**Degree of contribution:** Researcher  
**Entity where project took place:** UNIVERSIDAD UCM, Dpto Genética (INIA) y Dpto Reproducción Animal (INIA) **Type of entity:** Public Research Body  
**Name principal investigator (PI, Co-PI....):** Antonio González de Bulnes Lopez  
**Nº of researchers:** 4  
**Funding entity or bodies:**  
Ministerio de Ciencia e Innovación **Type of entity:** Plan Estatal  
**Type of participation:** Team member  
**Start-End date:** 01/01/2014 - 01/01/2017
- 7** **Name of the project:** AGL2012-39888.-Development and Validation of a Mathematical Model to Predict the Productivity and Profitability of Dairy Farms. Researcher at 50% of dedication  
**Type of project:** Basic research (including archaeological digs, etc)  
**Degree of contribution:** Researcher  
**Entity where project took place:** UNIVERSIDAD DE la U.A.B. **Type of entity:** University  
**Name principal investigator (PI, Co-PI....):** Sergio Calsamiglia Blancafort  
**Nº of researchers:** 3  
**Funding entity or bodies:**  
Ministerio de Ciencia e Innovación **Type of entity:** Plan Estatal  
**Type of participation:** Team member  
**Start-End date:** 01/01/2013 - 01/01/2016

- 8** **Name of the project:** INIA RZP2012-00003-00-00. Maintenance, characterization, computerization and control of the genebank of indigenous breeds. Investigadora colaboradora.  
**Degree of contribution:** Researcher  
**Entity where project took place:** INIA  
**Name principal investigator (PI, Co-PI....):** Sonia Pérez Garnelo  
**Funding entity or bodies:**  
INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )  
**Type of participation:** Team member  
**Start-End date:** 2012 - 2015
- 9** **Name of the project:** AGL2010-21991-C03-03. Influence of prenatal nutritional programming on growth, adipogenesis and reproductive performance of Iberian pigs. Researcher at 50% of dedication  
**Degree of contribution:** Researcher  
**Entity where project took place:** UNIVERSIDAD UCM, Dpto Genética (INIA) y Dpto Reproducción Animal (INIA)  
**Name principal investigator (PI, Co-PI....):** Antonio González de Bulnes Lopez  
**Nº of researchers:** 4  
**Funding entity or bodies:**  
Ministerio de Ciencia e Innovación  
**Type of entity:** Plan Estatal  
**Type of participation:** Team member  
**Start-End date:** 01/01/2013 - 01/01/2014
- 10** **Name of the project:** INIA RZ2010-00003-C02-01.- Application of OPU (ovum pick up), PIV (in vitro embryo production) and ET (embryo transfer) techniques for the recovery of the Murciano-Levantina breed. Collaborating Researcher  
**Degree of contribution:** Researcher  
**Entity where project took place:** UNIVERSIDAD DE MURCIA, INIA, IMIDA  
**Type of entity:** University  
**Name principal investigator (PI, Co-PI....):** Salvador Ruiz López  
**Nº of researchers:** 3  
**Funding entity or bodies:**  
INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )  
**Type of participation:** Team member  
**Start-End date:** 01/01/2011 - 01/01/2014
- 11** **Name of the project:** AECI A/030536/10 and AECI A/023494/09-Effect of antioxidants on the reproductive efficiency in sheep adapted and not adapted to hypobaric hypoxia in farms in the Chilean Altiplano. Collaborating Researcher.  
**Degree of contribution:** Researcher  
**Entity where project took place:** INIA, UNIVERSIDAD SANTIAGO DE CHILE  
**Name principal investigator (PI, Co-PI....):** VÍCTOR PARRAGUEZ; ANTONIO GONZALEZ DE BULNES LOPEZ  
**Nº of researchers:** 4  
**Funding entity or bodies:**  
Agencia Española de Cooperación Internacional  
**Type of entity:** Programa I+D+I  
**Type of participation:** Team member  
**Start-End date:** 15/12/2010 - 15/12/2011



- 12** **Name of the project:** PRODER-2000. Diversificación de técnicas de reproducción asistida en la especie equina y bovina para la mejora genética de razas autóctonas de la Comunidad de Madrid.  
**Degree of contribution:** Researcher  
**Entity where project took place:** AMASVET SL  
**City of entity:** Madrid, Spain  
**Name principal investigator (PI, Co-PI....):** Susana Astiz Blanco  
**Nº of researchers:** 2  
**Funding entity or bodies:**  
CENTRO DE ACUSTICA APLICADA Y EVALUACION NO DESTRUCTIVA  
**Type of entity:** Associations and Groups  
Consejería de Economía e Innovación Tecnológica  
**Type of entity:** Programa PRODER  
**Type of participation:** Team member  
**Start-End date:** 2000 - 2002
- 13** **Name of the project:** Producción in vitro de Embriones Bovinos.  
**Degree of contribution:** BECARIA DOCTORAL  
**Entity where project took place:** Besmungsverein Neustadt Aisch, Alemania  
**City of entity:** Neustradt Aisch, Germany  
**Funding entity or bodies:**  
Besamungsverein NEA  
Deutsches Akademisches Austausch Dienst (DAAD) **Type of entity:** State agency  
**Type of participation:** Team member  
**Start-End date:** 1997 - 1999
- 14** **Name of the project:** Epizootiología de Parasitosis en Rumiantes  
**Geographical area:** Regional  
**Degree of contribution:** becaria Introducción a la Investigación.  
**Entity where project took place:** INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )  
**Funding entity or bodies:**  
INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )  
**City funding entity:** Spain  
**Type of participation:** Team member  
**Start-End date:** 1994 - 1996  
**Applicant's contribution:** Prevalencia estacional de las bronconeumonías verminosas del ganado caprino en Castilla la Mancha

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

- 1** **Name of the project:** INIA AC2014-00043-00-00. Acciones de coordinación para la creación y mantenimiento de un consorcio europeo multidisciplinar de investigación en productividad sostenible en bovino y otros animales de granja.  
**Degree of contribution:** Researcher  
**Name principal investigator (PI, Co-PI....):** SUSANA ASTIZ BLANCO  
**Funding entity or bodies:**  
INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )  
**City funding entity:** Spain  
**Start date:** 01/01/2015  
**Duration:** 1 year



- 2** **Name of the project:** INIA-CON14-056 Realización de análisis de progesterona para los estudios: A141C-XC-13-019 y A141C-XC-13-020.  
**Entity where project took place:** INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )  
**Degree of contribution:** Researcher  
**Entity where project took place:** INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )  
**Name principal investigator (PI, Co-PI....):** SUSANA ASTIZ BLANCO  
**Participating entity/entities:** INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )  
**Funding entity or bodies:**  
ZOETIS  
**Type of entity:** Business  
**Start date:** 01/01/2015  
**Duration:** 2 years
- 3** **Name of the project:** INIA-CON14-112 Reproductive strategies to reduce postpartum anoestrus. Mean Researcher  
**Degree of contribution:** Researcher  
**Name principal investigator (PI, Co-PI....):** SUSANA ASTIZ BLANCO  
**Participating entity/entities:** INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA ); TRIALVET SL  
**Funding entity or bodies:**  
TRIALVET  
**Start date:** 01/01/2015  
**Duration:** 1 year
- 4** **Name of the project:** "Newsynch for beef cows: experimental design for PoC".  
**Degree of contribution:** Researcher  
**Name principal investigator (PI, Co-PI....):** NATIVIDAD PÉREZ VILLALOBOS; SUSANA ASTIZ BLANCO  
**Nº of researchers:** 2  
**Participating entity/entities:** MSD ANIMAL HEALTH SL.; TRIALVET SL.  
**Funding entity or bodies:**  
MSD ANIMAL HEALTH SL.  
TRIALVET SL.  
**Start date:** 01/01/2014  
**Duration:** 2 years
- 5** **Name of the project:** INIA AC2013-00008-00-00. Prospección y priorización de necesidades de investigación para la mejora productiva del sector productor de carne bovina en España en el marco de las acciones sectoriales INIA.  
**Degree of contribution:** Researcher  
**Name principal investigator (PI, Co-PI....):** SUSANA ASTIZ BLANCO  
**Participating entity/entities:** INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )  
**Funding entity or bodies:**  
INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )  
**City funding entity:** Spain  
**Start date:** 2014
- 6** **Name of the project:** INIA AC2013-00017-00-00. Creación de un consorcio europeo para investigación en producción sostenible de razas porcinas grasas.  
**Degree of contribution:** Researcher

**Name principal investigator (PI, Co-PI....):** ANTONIO GONZALEZ DEL BULNES LOPEZ; SUSANA ASTIZ BLANCO

**Nº of researchers:** 2

**Participating entity/entities:** INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )

**Funding entity or bodies:**

INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )

**City funding entity:** Spain

**Start date:** 2014

- 7 Name of the project:** INIA AC2013-00020-00-00. Prospection and prioritization of the needs of research to improve the productivity in the beef sector in Spain (Sectorial Actions of INIA).

**Degree of contribution:** Researcher

**Name principal investigator (PI, Co-PI....):** SUSANA ASTIZ BLANCO

**Participating entity/entities:** INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )

**Funding entity or bodies:**

INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )

**City funding entity:** Spain

**Start date:** 2014

- 8 Name of the project:** INIA CC13-069. Convenio de colaboración entre el INIA y la Universidad de Cuenca, Ecuador, para desarrollar actividades de desarrollo y formación en biotecnología de la reproducción en animales de producción.

**Degree of contribution:** INVESTIGADOR PRINCIPAL

**Name principal investigator (PI, Co-PI....):** SUSANA ASTIZ BLANCO

**Funding entity or bodies:**

UNIVERSIDAD DE CUENCA (ECUADOR)

**Type of entity:** University

**City funding entity:** Ecuador

INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )

**City funding entity:** Spain

**Start date:** 2014

**Duration:** 4 years

- 9 Name of the project:** INIA-CC14-054 Convenio de colaboración para el desarrollo de actividades de estudio de mejora de la capacidad productiva en ganado ovino.

**Degree of contribution:** Researcher

**Name principal investigator (PI, Co-PI....):** SUSANA ASTIZ BLANCO

**Funding entity or bodies:**

GRANJA CERROMONTE SL

INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )

**City funding entity:** Spain

**Start date:** 2014

**Duration:** 2 years

- 10 Name of the project:** INIA CON13-018 Evaluation of the Efficacy and Safety of flunixin transdermal solution for the control of pyrexia and / or inflammation associated with bovine mastitis (CON13-018).

**Degree of contribution:** Researcher

**Name principal investigator (PI, Co-PI....):** SUSANA ASTIZ BLANCO

**Funding entity or bodies:**

MSD ANIMAL HEALTH INNOVATION SAS

**Type of entity:** Business

**Start date:** 2013**Duration:** 2 years

- 11 Name of the project:** INIA-CON13-001 Reproductive strategies to reduce postpartum anoestrus.  
**Entity where project took place:** INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )  
**Degree of contribution:** Researcher  
**Entity where project took place:** INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )  
**Name principal investigator (PI, Co-PI....):** SUSANA ASTIZ BLANCO  
**Participating entity/entities:** INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )  
**Funding entity or bodies:** TRIALVET SL.

**Start date:** 2013**Duration:** 2 years

- 12 Name of the project:** INIA-CON12-051 Fertile: an investigation of the effect of a combined mastitis therapy with Metacam® and Ubrolexin® on dairy cows' reproductive performance.  
**Entity where project took place:** INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )  
**Degree of contribution:** Researcher  
**Entity where project took place:** INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )  
**Name principal investigator (PI, Co-PI....):** SUSANA ASTIZ BLANCO  
**Participating entity/entities:** INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )  
**Funding entity or bodies:** Boehringer Ingelheim España, S.A.  
**Type of entity:** Business  
**City funding entity:** Madrid, Community of Madrid, Spain

**Start date:** 2012**Duration:** 2 years

- 13 Name of the project:** INIA AC2010 -00029-00. Estudio del estado reproductivo de las explotaciones bovinas lecheras españolas: recopilación y publicación de índices reproductivos.  
**Degree of contribution:** Researcher  
**Name principal investigator (PI, Co-PI....):** SUSANA ASTIZ BLANCO  
**Participating entity/entities:** INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )  
**Funding entity or bodies:** INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )  
**City funding entity:** Spain

**Start date:** 2010

- 14 Name of the project:** INIA AC2010-00028-00. Análisis, evaluación, adaptación y desarrollo de los protocolos Welfare Quality® al sistema de producción de cebo de vacuno español.  
**Degree of contribution:** Researcher  
**Name principal investigator (PI, Co-PI....):** SUSANA ASTIZ BLANCO  
**Participating entity/entities:** INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )  
**Funding entity or bodies:** INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )  
**City funding entity:** Spain



**Start date:** 2010

- 15 Name of the project:** "Evaluation of Efficacy of Cydectin® 2% LA for Sheep Against Sarcoptes scabiei (sarcoptic mange) in naturally infected Sheep in Spain".

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

**Name principal investigator (PI, Co-PI....):** SUSANA ASTIZ BLANCO

**Funding entity or bodies:**

FORT DODGE VETERINARIA SA

**Type of entity:** Business

**Start date:** 2009

- 16 Name of the project:** "Persistency of Cydectin® 2% LA for Sheep against Oestrus ovis infections under field conditions in Spain".

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

**Name principal investigator (PI, Co-PI....):** SUSANA ASTIZ BLANCO

**Funding entity or bodies:**

FORT DODGE VETERINARIA SA

**Start date:** 2009

- 17 Name of the project:** "Sensibility and Specificity of Different Commercial Test for the Detection of Antibiotic Residues in Cow Milk after its Treatment with Cephalexin VS".

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

**Name principal investigator (PI, Co-PI....):** SUSANA ASTIZ BLANCO

**Funding entity or bodies:**

Schering-Plough, S.A.

**Type of entity:** Business

**City funding entity:** Alcobendas, Community of Madrid, Spain

**Start date:** 2007

**Duration:** 2 years

- 18 Name of the project:** "Prophylactic use of florfenicol and development of an early diagnostic method for SRB in calves, in Spanish beef production farms".

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

**Name principal investigator (PI, Co-PI....):** SUSANA ASTIZ BLANCO

**Participating entity/entities:** ARGOS SCHERING AGREVO, S.A.

**Funding entity or bodies:**

Schering-Plough, S.A.

**Type of entity:** Business

**City funding entity:** Alcobendas, Community of Madrid, Spain

**Start date:** 2006

- 19 Name of the project:** "Effect of Nuflor® and Fynadine® treatment on the cell and humoral immunological parameters in bovine under stress conditions".

**Degree of contribution:** Researcher

**Name principal investigator (PI, Co-PI....):** SUSANA ASTIZ BLANCO

**Participating entity/entities:** Schering-Plough, S.A.

**Funding entity or bodies:**

Schering-Plough, S.A.

**Type of entity:** Business

**City funding entity:** Alcobendas, Community of Madrid, Spain

**Start date:** 2005



**20 Name of the project:** "Establishment of the relation between local and systemic response after administration of a Covexin®-10 vaccination program to calves".

**Degree of contribution:** Researcher

**Name principal investigator (PI, Co-PI....):** SUSANA ASTIZ BLANCO

**Participating entity/entities:** Schering-Plough, S.A.

**Funding entity or bodies:**

Schering-Plough, S.A.

**Type of entity:** Business

**City funding entity:** Alcobendas, Community of Madrid, Spain

**Start date:** 2005

**Duration:** 2 years

**21 Name of the project:** "Clinical trials. Florfenicol in cattle".

**Degree of contribution:** MONITOR E INVETIGADOR PRINCIPAL

**Name principal investigator (PI, Co-PI....):** SUSANA ASTIZ BLANCO

**Participating entity/entities:** Schering-Plough, S.A.

**Funding entity or bodies:**

Schering-Plough, S.A.

**Type of entity:** Business

**City funding entity:** Alcobendas, Community of Madrid, Spain

**Start date:** 2004

**22 Name of the project:** "Research in liquid feed in pigs and sepiolita addition".

**Name principal investigator (PI, Co-PI....):** SUSANA ASTIZ BLANCO

**Funding entity or bodies:**

Tolsa, S.A.

**Type of entity:** Business

**City funding entity:** Madrid, Community of Madrid, Spain

**Start date:** 1995

**Duration:** 2 years

## Scientific and technological activities

### Scientific production

#### Publications, scientific and technical documents

**1** Luis Ayala Guanga; Susana Astiz Blanco; J Dutan Sanango; J Xaiver Samaniego; R Xavier Lopez Cabrera; F Perea; HJ Hernández Fonseca; Jose Luis Pesántez Pacheco. Relationship between the concentration of anti müllerian hormone and antral follicle 1 count in pasture managed Holstein cows in the high tropics. J Dairy Res. 2022, Cambridge University Press, 2022. Available on-line at: <<https://doi.org/10.1017/S0022029922000140>>. ISSN 1469-7629

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 6

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 6

**Corresponding author:** Yes

**Relevant results:** doi: 10.1017/S0022029913000381 (IF: 1.571; Q1)

**Relevant publication:** Yes

**2** Jose Luis Pesántez Pacheco; Ana Heras Molina; Laura Torres Rovira; María Victoria Sanz Fernández; Consolación García Contreras; Marta Vázquez Gómez; Pablo Feyjoo; Elisa Caceres; Millán Frías Mateo; Fernando Hernández; Paula Martínez Ros; Juan Vicente González Martín; Antonio Gonzalez De Bulnes López;



Susana Astiz Blanco. Influence of Maternal Factors (Weight, Body Condition, Parity, and Pregnancy Rank) on Plasma Metabolites of Dairy Ewes and Their Lambs. *Animals (Basel)*. 9 - 4, 28/03/2019.

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 14

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 14

**Corresponding author:** Yes

**Relevant results:** pii: E122. doi: 10.3390/ani9040122. (IF: 1.654; Q1)

**Relevant publication:** Yes

- 3** Paula Martínez Ros; Antonio Gonzalez De Bulnes López; Empar García Rosello; Alejandro Ríos Abellan; Susana Astiz Blanco. Effects of short-term intravaginal progestagen treatment on fertility and prolificacy after natural breeding in sheep at different reproductive seasons. *Journal of Applied Animal Research*. 47 - 1, pp. 201 - 205. 2019.

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 5

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 5

**Corresponding author:** Yes

**Relevant results:** DOI:10.1080/09712119.2019.1599899 (IF:0,9; Q2)

**Relevant publication:** Yes

- 4** Raquel Patrón Collantes; Irene López Helguera; Jose Luis Pesantez Pacheco; Natividad Pérez Villalobos; Javier Heras; Juan Vicente González Martín; Octavi Fargas; Susana Astiz Blanco. Resynchronization with the G6G protocol: A retrospective, observational study of second and later timed artificial inseminations on commercial dairy farms. *Reproduction in Domestic Animals*. 54 - 3, 2019.

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 8

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 8

**Corresponding author:** Yes

**Relevant results:** DOI: 10.1111/rda.13343. (IF: 1,478; Q2)

**Relevant publication:** Yes

- 5** José Luis Pesantez Pacheco; Laura Torres Rovira; Fernando Hernández; María Victoria Sanz Fernández; Natividad Pérez Villalobos; Ana Heras Molina; Consolación García Contreras; Vázquez Gómez Marta; Paula Martínez Ros; Juan Vicente González Martín; Antonio González De Bulnes López; Susana Astiz Blanco. Efficiency and demographics of a high-yield dairy ewe farm with two managing systems involving 5 or 10 lambings per year. *Animal*. 12 - 10, pp. 1 - 10. 2018. ISSN 1751-7311

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 12

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 12

**Corresponding author:** Yes

**Relevant results:** doi: 10.1017/S175173111700369X] (IF: 2.194; Q1)

**Relevant publication:** Yes

- 6** Laura Torres Rovira; José Luis Pesantez Pacheco; Fernando Hernández; Laura Elvira Partida; María de la Luz Pérez Solana; Juan Vicente González Martín; Antonio González De Bulnes López; Susana Astiz Blanco. Identification of factors affecting colostrum quality of dairy Lacaune ewes assessed with the Brix refractometer. *Journal of Dairy Research*. 84 - 4, pp. 440 - 443. 11/2017. ISSN 0022-0299

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 8

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 8

**Corresponding author:** Yes

**Relevant results:** doi: 10.1017/S002202991700070X. (IF: 1.571; Q1)

**Relevant publication:** Yes



- 7** Natividad Pérez Villalobos; Iñaki Espinosa Crespo; José Luis Sampayo Cabrera; Juan Vicente González Martín; Antonio González De Bulnes López; Susana Astiz Blanco. Thoracoscopy as a safe and effective technique for exploring calves affected with bovine respiratory disease. *J Anim Sci Technol*.59 - 5, 01/03/2017. ISSN 2055-0391  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 6 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Total no. authors:** 6 **Corresponding author:** Yes  
**Relevant results:** doi: 10.1186/s40781-017-0129-5. eCollection 2017.  
**Relevant publication:** Yes
- 8** Raquel Patrón Collantes; Irene López Helguera; José Luis Pesantez Pacheco; Francisco Sebastian; Fernández M; Octavi Fargas; Susana Astiz Blanco. Early postpartum administration of equine chorionic gonadotropin to dairy cows calved during the hot season: Effects on fertility after first artificial insemination. *theriogenology*. 92, pp. 83 - 89. 11/01/2017. ISSN 0093-691X  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 7 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Total no. authors:** 7 **Corresponding author:** Yes  
**Relevant results:** doi: 10.1016/j.theriogenology.2017.01.019. Epub 2017 Jan 11. (IF: 2.054; Q1).  
**Relevant publication:** Yes
- 9** Susana Astiz Blanco; Laura Cogollos; Juan Manuel Loste; Gorka Anduriz; Javier Heras; Manuel Cerviño. Clinical picture of active bovine viral diarrhea infection in commercial bovine productive systems. *Anim Prod Sci*.57 - 2, pp. 334 - 337. 2017. ISSN 1836-0939  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Total no. authors:** 6 **Corresponding author:** Yes  
**Relevant results:** <http://dx.doi.org/10.1071/AN15235>. (IF: 1,098; Q2)  
**Relevant publication:** Yes
- 10** Raquel Patrón Collantes; Irene López Helguera; Francisco Sebastián; José Luis Pesantez Pacheco; Natividad Pérez Villalobos; Juan Vicente González Martín; Octavi Fargas; Susana Astiz Blanco. Influence of practitioner expertise during early pregnancy diagnosis on pregnancy loss rate: A controlled, blinded trial. *Reprod Domest Anim*.52 - 6, pp. 1145 - 1148. 2017. ISSN 1439-0531  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 8 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Total no. authors:** 8 **Corresponding author:** Yes  
**Relevant results:** doi: 10.1111/rda.13033. (IF: 1,478; Q2)  
**Relevant publication:** Yes
- 11** Fernando Hernandez; Laura Elvira; Beatriz Fernandez Fuentes; Marta Egea; Antonio González De Bulnes López; Juan Vicente González Martín; Susana Astiz Blanco. Effects of intramammary antibiotic therapy during the dry period on the performance of Lacaune dairy sheep under intensive management. *J Dairy Res*.82 - 1, pp. 95 - 101. 02/2015. Available on-line at: <DOI: 10.1017/S0022029914000673>. ISSN 1469-7629  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 7 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Total no. authors:** 7 **Corresponding author:** Yes  
**Relevant results:** DOI: 10.1017/S0022029914000673 (IF: 1.571; Q1)  
**Relevant publication:** Yes



- 12** Susana Astiz Blanco; Antonio González De Bulnes López; Francisco Sebastian; Octavi Fargas; Iagoba Cano; Pedro Luis Cuesta. Maternal aging affects life performance of progeny in a Holstein dairy cow model. *J Dev Orig Health Dis.* 5 - 5, pp. 374 - 384. 10/2014. ISSN 2040-1744  
**Type of production:** Scientific paper  
**Position of signature:** 1  
**Total no. authors:** 6  
**Relevant results:** doi: 10.1017/S2040174414000361 (IF: 1,5; Q2)  
**Relevant publication:** Yes  
**Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Corresponding author:** Yes
- 13** Susana Astiz Blanco; Antonio González De Bulnes López; Isabel Astiz Blanco; Alicia Barbero; María de la Luz Pérez Solana; Isabel García Real. Advanced onset of puberty after metformin therapy in swine with thrifty genotype. *Exp Physiol.* 99 - 9, pp. 1241 - 1252. 09/2014. Available on-line at: <DOI: 10.1113/expphysiol.2014.081455>. ISSN 1469-445X  
**Type of production:** Scientific paper  
**Position of signature:** 1  
**Total no. authors:** 6  
**Relevant results:** DOI: 10.1113/expphysiol.2014.081455 (IF: 2,991; Q2)  
**Relevant publication:** Yes  
**Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Corresponding author:** Yes
- 14** Susana Astiz Blanco; Francisco Sebastian; Octavi Fargas; Fernández M; Emili Calvet. Enhanced udder health and milk yield of dairy cattle on compost bedding systems during the dry period: A comparative study. *Livestock Science.* 159 - 1, pp. 161 - 164. 2014.  
**Type of production:** Scientific paper  
**Position of signature:** 1  
**Total no. authors:** 5  
**Relevant results:** DOI: 10.1016/j.livsci.2013.10.028 (IF: 1,509; Q2)  
**Relevant publication:** Yes  
**Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Corresponding author:** Yes
- 15** Antonio González De Bulnes López; Cristina Ovilo; Susana Astiz Blanco. Transgenerational inheritance in the offspring of pregnant women with metabolic syndrome. *Curr Pharm biotechnol.* 15 - 1, pp. 13 - 23. 2014. ISSN 1873-4316  
**Type of production:** Scientific paper  
**Position of signature:** 3  
**Total no. authors:** 3  
**Relevant results:** DOI: 10.2174/1389201015666140330192009 (IF: 2,327; Q3)  
**Relevant publication:** Yes  
**Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Corresponding author:** Yes
- 16** Laura Elvira Partida; Fernando Hernández; Pedro Cuesta; Santiago Cano; Juan Vicente González Martín; Susana Astiz Blanco. Factors affecting the lactation curves of intensively managed sheep based on a clustering approach. *J Dairy Res.* 80 - 4, pp. 439 - 447. 11/2013. ISSN 1469-7629  
**Type of production:** Scientific paper  
**Position of signature:** 6  
**Total no. authors:** 6  
**Relevant results:** doi: 10.1017/S0022029913000381 (IF: 1.571; Q1)  
**Relevant publication:** Yes  
**Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Corresponding author:** Yes



- 17** Laura Elvira Partida; Fernando Hernández; Pedro Cuesta; Santiago Cano; Juan Vicente González Martín; Susana Astiz Blanco. Accurate mathematical models to describe the lactation curve of Lacaune dairy sheep under intensive management. *Animal*. 7 - 6, pp. 1044 - 1052. 06/2013. ISSN 1751-732X  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 6 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Total no. authors:** 6 **Corresponding author:** Yes  
**Relevant results:** DOI: 10.1017/S175173111200239X (IF: 2.194; Q1)  
**Relevant publication:** Yes
- 18** Susana Astiz Blanco; Antonio González De Bulnes López; María Luz Pérez Solana; Raúl Sanchez Sanchez; Laura Torres Rovira. In vitro Release of Ovarian Progesterone is Decreased During the Oestrous Cycle and Pregnancy of Swine with Obesity/Leptin Resistance. *Reprod Dom Anim*. 48 - 3, pp. 44 - 48. 06/2013. ISSN 1439-0531  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Total no. authors:** 5 **Corresponding author:** Yes  
**Relevant results:** DOI: 10.1111/rda.12148 (IF: 1,478; Q2)  
**Relevant publication:** Yes
- 19** Susana Astiz Blanco; Octavi Fargas. Pregnancy per AI differences between primiparous and multiparous high-yield dairy cows after using Double Ovsynch or G6G synchronization protocols. *Theriogenology*. 79 - 7, pp. 1065 - 1070. 15/04/2013. ISSN 1879-3231  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Total no. authors:** 2 **Corresponding author:** Yes  
**Relevant results:** doi: 10.1016/j.theriogenology.2013.01.026. (IF: 2.054; Q1)  
**Relevant publication:** Yes
- 20** Laura Elvira Partida; Fernando Hernández; Juan Vicente González Martín; Susana Astiz Blanco. Influence of dry period length on reproductive performance and productivity of Lacaune dairy sheep under an intensive management system. *J Dairy Res*. 79 - 3, pp. 352 - 360. 08/2012. ISSN 1469-7629  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 4 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Total no. authors:** 4 **Corresponding author:** Yes  
**Relevant results:** doi: 10.1017/S0022029912000337  
**Relevant publication:** Yes
- 21** Susana Astiz Blanco; Emilio Legaz Huidobro; Lourdes Mottier. Efficacy of long-acting moxidectin against sarcoptic mange in naturally infested sheep. *Vet Rec*. 169 - 24, pp. 637 - 637. 12/2011. ISSN 2042-7670  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Total no. authors:** 3 **Corresponding author:** Yes  
**Relevant results:** DOI: 10.1136/vr.100188  
**Relevant publication:** Yes
- 22** Fernando Hernandez; Laura Elvira Partida; Juan Vicente González Martín; Antonio González De Bulnes López; Susana Astiz Blanco. Influence of age at first lambing on reproductive and productive performance of Lacaune dairy sheep under an intensive management system. *J Dairy Res*. 78 - 2, pp. 160 - 167. 05/2011. ISSN 1469-7629  
**Type of production:** Scientific paper **Format:** Journal

**Position of signature:** 5**Total no. authors:** 5**Relevant results:** DOI: 10.1017/S0022029911000033 (IF: 1.571; Q1)**Relevant publication:** Yes**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** Yes

- 23** Juan Vicente González Martín; Laura Elvira Partida; Manuel Cerviño López; Natividad Pérez Villalobos; Enrique Calvo López-Guerrero; Susana Astiz Blanco. Reducing antibiotic use: Selective metaphylaxis with florfenicol in commercial feedlots. *Livestock Sci.* 141 - 2, pp. 173 - 181. 2011. ISSN 1871-1413

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 6**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Corresponding author:** Yes**Relevant results:** DOI: 10.1016/j.livsci.2011.05.016 (IF: 1,509; Q2)**Relevant publication:** Yes

- 24** Juan Vicente González Martín; Laura Elvira Partida; Natividad Pérez Villalobos; López, C.M; Enrique Calvo López-Guerrero; Susana Astiz Blanco. Evaluation of Mass and Selective Metaphylaxis Medication with Florfenicol at Feedlot entry as a tool against Bovine Respiratory Disease Under Commercial Conditions in Spain. *Cattle Practice.* 15 - 3, pp. 309 - 311. 2007. ISSN 0969-1251

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 6**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Corresponding author:** Yes**Relevant publication:** Yes

- 25** Antonio González De Bulnes López; Susana Astiz Blanco; Beatriz Isabel; Marta Vázquez Gómez; Consolación García Contreras.. Possible Benefits and Risks of Polyphenols Supplementation During Pregnancy. *Polyphenols: Mechanisms of Action in Human Health and Disease.* 19, pp. 249 - 260. Londres(United Kingdom): Academic Press, 2018. ISBN 9780128130070

**Type of production:** Book chapter**Format:** Book**Position of signature:** 2**Degree of contribution:** Author or co-author of chapter in book**Total no. authors:** 5**Relevant results:** 2th Edition. . eBook ISBN: 9780128130070**Relevant publication:** Yes

- 26** Antonio González De Bulnes López; Susana Astiz Blanco. Prenatal Programming and Epigenetics of Obesity Metabolic Phenotype: Pre- and Postnatal Metabolic Phenotypes and Molecular Mechanisms. *Handbook of Nutrition, Diet, and Epigenetics.* 1, pp. 1 - 16. Springer, Cham, 2017. Available on-line at: <[https://doi.org/10.1007/978-3-319-31143-2\\_109-1](https://doi.org/10.1007/978-3-319-31143-2_109-1)>. ISBN 978-3-319-31143-2

**Type of production:** Book chapter**Format:** Book**Position of signature:** 2**Degree of contribution:** Author or co-author of chapter in book**Total no. authors:** 2**Corresponding author:** Yes**Relevant results:** DOI 10.1007/978-3-319-31143-2\_109-1**Relevant publication:** Yes

- 27** Antonio González De Bulnes López; Susana Astiz Blanco. Effects of Lifestyle on Female Reproductive Features and Success: Lessons from Animal Models. *Watson R, Handbook of Fertility, Nutrition, Diet, Lifestyle and Reproductive Health.* 17, pp. 191 - 202. Londres(United Kingdom): Academic Press, 2015. Available on-line at: <<http://dx.doi.org/10.1016/B978-0-12-800872-0.00017-2>>. ISBN 978-0-12-800872-0

**Type of production:** Book chapter**Format:** Book

**Position of signature:** 2**Degree of contribution:** Author or co-author of chapter in book**Total no. authors:** 2**Relevant publication:** Yes

- 28** Antonio González De Bulnes López; Susana Astiz Blanco. The impact of obesity on ovulation and early pregnancy: a focus on ovarian function, fertilization, implantation and early embryo development. Handbook of diet and nutrition in the menstrual cycle, periconception and fertility. Human Health Handbooks. 7, pp. 401 - 414. (Holland): Wageningen Academic Publishers, Netherlands., 2014.

**Type of production:** Book chapter**Format:** Book**Position of signature:** 2**Degree of contribution:** Author or co-author of chapter in book**Total no. authors:** 2**Relevant results:** doi:10.3920/978-90-8686-767-7\_**Relevant publication:** Yes

- 29** Laura Elvira Partida; Susana Astiz Blanco; Natividad Pérez Villalobos; Juan Vicente González Martín. VAGINAL SURGERY IN THE COW. Reproduction in Livestock Encyclopedia of Life Support Systems (EOLSS). Oxford (United Kingdom): Eolss Publishers, 2012. Available on-line at: <<http://www.eolss.net/ViewChapter.aspx?CategoryId=10>>.

**Type of production:** Book chapter**Format:** Book**Position of signature:** 2**Degree of contribution:** Author or co-author of chapter in book**Total no. authors:** 4**Relevant results:** [<http://www.eolss.net>]**Relevant publication:** Yes**Corresponding author:** No

- 30** Susana Astiz Blanco; Antonio González De Bulnes López; Laura Elvira Partida; Natividad Pérez Villalobos; Manuel Cerviño López; Juan Vicente González Martín. Bovine neonatology. in Medical Science in Encyclopedia of Life Support Systems (EOLSS). Oxford (United Kingdom): Eolss Publishers, 2011. Available on-line at: <<http://www.eolss.net>>.

**Type of production:** Book chapter**Format:** Book**Position of signature:** 1**Degree of contribution:** Author or co-author of chapter in book**Total no. authors:** 6**Relevant results:** UNESCO – EOLSS SAMPLE CHAPTERS ANIMAL AND PLANT PRODUCTIVITY – Bovine Neonatology**Relevant publication:** Yes**Corresponding author:** Yes

- 31** Juan Vicente González Martín; Susana Astiz Blanco. Manual de diarreas en el ternero neonatal. Manual de diarreas en el ternero neonatal. Zaragoza, Aragon (Spain): Servet, 2005. ISBN 84-689-2874-7

**Type of production:** Book chapter**Format:** Book**Position of signature:** 2**Degree of contribution:** Author or co-author of chapter in book**Total no. authors:** 2**Relevant publication:** Yes**Corresponding author:** Yes

- 32** Susana Astiz Blanco; Rojo A; Vázquez F; Mercedes Gómez Bautista. Etiología y biología de las bronconeumonías verminosas. 44 - 1, pp. 11 - 23. Ovis, 1996.

**Type of production:** Scientific book or monograph**Format:** Journal**Position of signature:** 1**Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee**Total no. authors:** 4**Corresponding author:** Yes



**Relevant publication:** Yes

- 33** Susana Astiz Blanco. Transferencia de Embriones en el ganado bovino. Transferencia de Embriones en el ganado bovino. Zaragoza, Aragon(Spain): Acribia, 1999.

**Type of production:** Translation

**Format:** Scientific and technical document or report

**Position of signature:** 1

**Degree of contribution:** Editor or co-editor

**Total no. authors:** 1

**Corresponding author:** Yes

**Relevant results:** Traducción del alemán al español de la Monografía Embryotransfer beim Rind, Albert Görlach, Editorial Enke, Stuttgart 1997. Transferencia de Embriones en el ganado bovino, Editorial Acribia, Zaragoza 1999.

**Relevant publication:** Yes

- 34** Susana Astiz Blanco. Diversificación de técnicas de reproducción asistida en la especie equina y bovina para la mejora genética de razas autóctonas de la Comunidad de Madrid. Programa de Desarrollo y Diversificación Económica de las Zonas Rurales (PRODER). 2003.

**Type of production:** Scientific-technical report

**Format:** Scientific and technical document or report

**Corresponding author:** Yes

**Relevant publication:** Yes

- 35** Susana Astiz Blanco. : Evaluación de la aplicación endovenosa de cloprostenol sódico en el momento de la inseminación sobre el índice de concepción en condiciones de estrés por calor. PC-06-RG02. Schering-Plough A.H.

**Type of production:** Scientific-technical report

**Format:** Scientific and technical document or report

**Relevant publication:** Yes

- 36** Efecto del flunixin meglumine (FINADYNE) sobre tasas de implantación tras la transferencia de embriones bovinos en fresco y congelados tras su administración post inseminación. Schering-Plough AH.

**Type of production:** Scientific-technical report

**Format:** Scientific and technical document or report

**Corresponding author:** Yes

**Relevant publication:** Yes

- 37** Susana Astiz Blanco. Ensayo clínico Nuflor solución inyectable en la prevención de SRB- Florfenicol in cattle", nº de registro y protocolo: C03-164-03. Schering-Plough A.H.

**Type of production:** Scientific-technical report

**Corresponding author:** Yes

**Relevant publication:** Yes

- 38** Susana Astiz Blanco. Ensayo clínico de eficacia y seguridad de Nuflor soluciónNuflor solución inyectable-Florfenicol in cattle", nº de registro y protocolo: C03-164-05. Schering-Plough A.H.

**Type of production:** Scientific-technical report

**Format:** Scientific and technical document or report

**Relevant publication:** Yes

- 39** Susana Astiz Blanco. Evaluación de la eficacia de un tratamiento antibiótico intramamario de secado (cefalonium) en las novillas antes del parto en la prevención y curación de infecciones intramamarias y sobre la producción.

**Type of production:** Scientific-technical report

**Format:** Scientific and technical document or report

**Position of signature:** 1

**Degree of contribution:** Author or co-author of reserved scientific or technical document

**Corresponding author:** Yes

**Relevant results:** Schering-Plough AH

**Relevant publication:** Yes



- 40** Susana Astiz Blanco. Influencia del tratamiento con Nuflor y Fynadine en los parámetros inmunológicos celulares y humorales en ganado bovino sometido a condiciones de estrés, nº de registro 1065 y protocolo nº: PC05-MC02-04. Schering-Plough A.H.  
**Type of production:** Scientific-technical report **Format:** Scientific and technical document or report  
**Relevant publication:** Yes
- 41** Susana Astiz Blanco. Investigación sobre alimentación líquida en porcino y adición de sepiolita.  
**Type of production:** Scientific-technical report **Format:** Scientific and technical document or report  
**Corresponding author:** Yes  
**Relevant publication:** Yes
- 42** Susana Astiz Blanco. Prevalencia de Leptospira Hardjo en España y eficacia de su prevención en condiciones de campo.  
**Type of production:** Scientific-technical report **Format:** Scientific and technical document or report  
**Position of signature:** 1  
**Corresponding author:** Yes  
**Relevant results:** Schering-Plough AH  
**Relevant publication:** Yes
- 43** Susana Astiz Blanco. Uso profiláctico de florfenicol y sistema de diagnóstico precoz de SRB en el sistema español de producción de terneros de cebo, nº de registro y protocolo: PC06-MC03-04. Schering-Plough A.H.  
**Type of production:** Scientific-technical report **Format:** Scientific and technical document or report  
**Relevant publication:** Yes
- 44** Susana Astiz Blanco. Research about IV-Fertilization of steer semen and determination of the optimal equilibration time during the freezing of IVF-Embryos with Ethylen-glycol. Trials for the elevation of the IV-Production of IVP-Embryos of valuable cows trough synchronization and mineral flushing before slaughter. Research about IV-Fertilization of steer semen and determination of the optimal equilibration time during the freezing of IVF-Embryos with Ethylen-glycol. Trials for the elevation of the IV-Production of IVP-Embryos of valuable cows trough synchronization and mineral flushing before slaughter. Aachen, Hannover(Germany): Shaker, 12/1999.  
**Type of production:** Tesis Doctoral **Format:** Book  
**Position of signature:** 1 **Degree of contribution:** Author or co-author of entire book  
**Total no. authors:** 1 **Corresponding author:** Yes  
**Relevant publication:** Yes
- 45** J; E; A; JC; JL; ML; A; D; A; F; SS; S. Comparison of Pure and Crossbred Japanese Black Steers in Growth Performance and Metabolic Features from Birth to Slaughter at a Spanish Fattening Farm. animals (Basel). 12 - 1671, MDPI, 2022. Available on-line at: <<https://doi.org/10.3390/biology11020225>>.  
**Type of production:** Scientific paper **Format:** Journal  
**Corresponding author:** Yes
- 46** I; A; S; J. Historical Evolution of Cattle Management and Herd Health of Dairy Farms in OECD Countries. Veterinary Sciences. 9 - 125, MDPI, 2022. Available on-line at: <<https://doi.org/10.3390/vetsci9030125>>.  
**Type of production:** Scientific paper  
**Corresponding author:** No
- 47** A; Yolanda Núñez; Rita Benítez; JL; Consolación García Contreras; Marta Vázquez Gomez; Susana Astiz; Beatriz Isabel; Antonio González Bulnes; C. Hypothalamic transcriptome analysis reveals male-specific differences in molecular pathways related to oxidative phosphorylation between Iberian pig genotypes. PLoS ONE. 17 (8) - e0272775, pp. e0272775. 2022. Available on-line at: <<https://doi.org/10.1371/journal.pone.0272775>>.  
**Type of production:** Scientific paper **Format:** Journal  
**Corresponding author:** No



- 48** J; A; M; N; JL; ML; E; JC; A; F; SS; D; S. MOET Efficiency in a Spanish Herd of Japanese Black Heifers and Analysis of Environmental and Metabolic Determinants. *Biology* (Basel). 11 - 225, MDPI, 2022. Available on-line at: <<https://doi.org/10.3390/biology11020225>>.

**Type of production:** Scientific paper

**Corresponding author:** Yes

- 49** A; R; JL; C; M; S; C; A; B. Maternal Supplementation with Polyphenols and Omega-3 Fatty Acids during Pregnancy: Prenatal Effects on Fetal Fatty Acid Composition in the Iberian Pig. *animals* (Basel). 12 - 2140, MDPI, 2022. Available on-line at: <<https://doi.org/10.3390/ani12162140>>.

**Type of production:** Scientific paper

**Format:** Journal

**Corresponding author:** No

- 50** Heras-Molina; Yeste N; Pesántez-Pacheco JL; Astiz S; Vázquez-Gómez M; Bettiga A; Trevisani F; García-Contreras C; García-Contreras C; Luis-Lima S; Bassols A; Porrini E.; González-Bulnes A. Obesity and Metabolic Traits aftFat Diet in Iberian Pigs with Low Birth Weight of Placental Origin. *Biology* (Basel). 11 - 10, pp. 1533 - <https://doi.org/10.3390/biology11101533>. MDPI, 2022. Available on-line at: <<https://doi.org/10.3390/biology11101533>>.

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 4

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 12

**Corresponding author:** No

- 51** I; A; J; S. Short communication: Veterinary health management in Azorean bovine dairy farms. *Spanish Journal of Agricultural Research*. 20 - 3, INIA-CSIC, 2022. Available on-line at: <<https://doi.org/10.5424/sjar/2022203-18976>>.

**Type of production:** Scientific paper

**Format:** Journal

**Corresponding author:** Yes

- 52** Jose Antonio García Paloma; Aitor Fernández Novo; Natividad Pérez Villalobos; Susana Astiz Blanco. The importance of reproductive behavior tests in bull breeding soundness evaluation. *Comparative Cognition and Behavior Reviews*. 17, 2022. Available on-line at: <DOI:10.3819/CCBR.2022.170001>.

**Type of production:** Scientific paper

**Format:** Journal

**Corresponding author:** Yes

- 53** A. Fernandez-Novo; S. Santos-Lopez; C. Barrajon-Masa; P. Mozas; E. de Mercado; E. Caceres; A. Garrafa; J.V. Gonzalez-Martin; N. Perez-Villalobos; A. Oliet; S. Astiz; S.S. Perez-Garnelo. Effect of Extender, Storage Time and Temperature on Kinetic Parameters (CASA) on Bull Semen Samples. *Biology* (Basel). 10 - 8, 2021. Available on-line at: <<https://doi.org/10.3390/biology10080806>>.

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 11

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 12

**Corresponding author:** Yes

**Impact source:** SCOPUS

**Impact index in year of publication:** 1.731

**Source of citations:** SCOPUS

**Citations:** 0

- 54** M. Vázquez-Gómez; C. García-Contreras; S. Astiz; L. Torres-Rovira; J.L. Pesantez-Pacheco; A. Heras-Molina; T.C. Madrigal; C. López-Bote; C. Óvilo; A. González-Bulnes; B. Isabel. Effects of L-glutamine supplementation during the gestation of gilts and sows on the offspring development in a traditional swine breed. *Animals* (Basel). 11 - 3, pp. 1 - 16. 2021. Available on-line at: <<http://dx.doi.org/10.3390/ani11030903>>.

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 3**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Impact source:** SCOPUS**Impact index in year of publication:** 0.584**Source of citations:** SCOPUS**Citations:** 0

- 55** A. Fernandez-Novo; S. Santos-Lopez; C. Barrajon-Masa; P. Mozas; E. de Mercado; E. Caceres; A. Garrafa; J.V. Gonzalez-Martin; N. Perez-Villalobos; A. Oliet; S. Astiz; S.S. Perez-Garnelo. Effects of extender type, storage time, and temperature on bull semen parameters. *Biology (Basel)*. 10 - 7, 2021. Available on-line at: <<http://dx.doi.org/10.3390/biology10070630>>.

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 11**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 12**Corresponding author:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 1.731**Source of citations:** SCOPUS**Citations:** 0

- 56** A. Fernandez-Novo; S. Santos-Lopez; J.L. Pesantez-Pacheco; N. Pérez-Villalobos; A. Heras-Molina; J.V. Gonzalez-Martin; S. Astiz. Effects on synchronization and reproductive efficiency of delaying the removal of the intravaginal progesterone device by 24 h in the 5d co-synch protocol in heifers. *Animals (Basel)*. 11 - 3, pp. 1 - 13. 2021. Available on-line at: <<http://dx.doi.org/10.3390/ani11030849>>.

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 7**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7**Corresponding author:** Yes**Impact source:** SCOPUS**Impact index in year of publication:** 0.584**Source of citations:** SCOPUS**Citations:** 0

- 57** A. Heras-molina; J.L. Pesántez-pacheco; C. Garcia-contreras; M. Vázquez-gómez; A. López; R. Benítez; Y. Núñez; S. Astiz; C. Óvilo; B. Isabel; A. González-bulnes. Maternal supplementation with polyphenols and omega-3 fatty acids during pregnancy: Prenatal effects on growth and metabolism. *Animals (Basel)*. 11 - 6, 2021. Available on-line at: <<http://dx.doi.org/10.3390/ani11061699>>.

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 8**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Impact source:** SCOPUS**Impact index in year of publication:** 0.584**Source of citations:** SCOPUS**Citations:** 0

- 58** I; A; S; J. Production and Health Management from Grazing to Confinement Systems of Largest Dairy Bovine Farms in Azores: A Farmers' Perspective. *animals (Basel)*. 11 - 3394, MDPI, 2021.

**Type of production:** Scientific paper**Format:** Journal**Corresponding author:** No



- 59** P. Pallares; A. Fernandez-Novoa; J. Heras; J.L. Pesantez-Pacheco; A. Heras-Molina; N. Perez-Villalobos; S. Astiz. Reproductive strategies for dairy heifers based on 5d-Cosynch with or without an intravaginal progesterone device and observed estrus. *Livestock Science*. 250, pp. 104588. 2021. Available on-line at: <<http://dx.doi.org/10.1016/j.livsci.2021.104588>>.
- Type of production:** Scientific paper **Format:** Journal
- Position of signature:** 7 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
- Total no. authors:** 7 **Corresponding author:** Yes
- Impact source:** SCOPUS
- Impact index in year of publication:** 0.622
- Source of citations:** SCOPUS **Citations:** 0
- 60** Victoria Sanz Fernandez; Laura Torres Rovira; Jose Luis Pesantez Pacheco; Marta Vázquez Gomez; Consolación García Contreras; Susana Astiz; Antonio González -Bulnes; Ana Heras-Molina. A Cross-Sectional Study of Obesity Effects on the Metabolomic Profile of a Leptin-Resistant Swine Model. *Metabolites (Basel)*. 10(3) - 10.3390/metabo100300, pp. 89. MDPI, 2020.
- Type of production:** Scientific paper **Format:** Journal
- Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
- Corresponding author:** No
- 61** Marta Vázquez Gomez; Consolación García Contreras; Jose Luis Pesantez Pacheco; Laura Torres Rovira; Ana Heras-Molina; Susana Astiz; Beatriz Isabel; Cristina Ovilo; Antonio González -Bulnes. Differential Effects of Litter Size and Within-Litter Birthweight on Postnatal Traits of Fatty Pigs. *Animals (Basel)*. 10 - 10.3390/ani10050870, pp. 870. MDPI, 2020.
- Type of production:** Scientific paper **Format:** Journal
- Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
- Corresponding author:** No
- 62** Consolación García Contreras; Ole Madsen; MAM Groenen; A Lopez García; Marta Vázquez Gomez; Susana Astiz; Yolanda Núñez; Rita Benitez; A Fernández; Beatriz Isabel; Ana Isabel Rey; Antonio González Bulnes. Impact of genotype, body weight and sex on the prenatal muscle transcriptome of Iberian pigs. *PLoS ONE*. 44 (2) - 10.1038/s41366-019-0, pp. 457 - 465. 2020.
- Type of production:** Scientific paper **Format:** Journal
- Corresponding author:** No
- 63** Ana Heras Molina; Jose Luis Pesantez Pacheco; Beatriz Isabel; Susana Astiz Blanco; Consolación García Contreras; Marta Vázquez Gómez; Teresa Encinas; Cristina Ovilo; Antonio González De Bulnes López. Maternal Supplementation with Polyphenols and Omega-3 Fatty Acids during Pregnancy: Effects on Growth, Metabolism, and Body Composition of the Offspring. *Animals (Basel)*. 10(11) - 10.3390/ani10111946, pp. 1946. MDPI, 2020. ISSN 1932-6203
- Type of production:** Scientific paper **Format:** Journal
- Position of signature:** 10 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
- Total no. authors:** 11 **Corresponding author:** No
- Relevant results:** doi: 10.1371/journal.pone.0177593. eCollection 2017. (IF: 3,535; Q1)
- 64** Susana Astiz; Antonio González -Bulnes; Isabel Astiz; Alicia Barbero; Jose Luis Pesantez Pacheco; Consolación García Contreras; Marta Vázquez Gomez; Ana Heras-Molina. Metformin Alleviates Obesity and Systemic Oxidative Stress in Obese Young Swine. *Pharmaceuticals*. 13 - 10.3390/ph13070142s, pp. 142. MDPI, 2020.
- Type of production:** Scientific paper **Format:** Journal
- Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
- Corresponding author:** No



- 65** Marta Vázquez Gómez; Consolación García Contreras; Susana Astiz Blanco; Laura Torres Rovira; E Fernandez Moya; A Daza; Cristina Ovilo; Antonio González De Bulnes López; Beatriz Isabel. Piglet birthweight and sex affect growth performance and fatty acid composition in fatty pigs. *Animal Production Science*. 60(4) - <https://doi.org/10.1017/S0003681920000533>, pp. 573 - 583. 2020. ISSN 1932-6203  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 10 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Total no. authors:** 11 **Corresponding author:** No  
**Relevant results:** doi: 10.1371/journal.pone.0177593. eCollection 2017. (IF: 3,535; Q1)
- 66** Aitor Fernandez Novo; Raquel Patron Collantes; Jose Luis Pesantez Pacheco; Natividad Perez Villalobos; Francisco Sebastián; Juan Manuel Loste; Octavi Fargas; Susana Astiz. Pregnancy Loss (28–110 Days of Pregnancy) in Holstein Cows: A Retrospective Study. *Animals (Basel)*. 10 - 10.3390/ani10060925, pp. 925. MDPI, 2020.  
**Type of production:** Scientific paper **Format:** Journal  
**Corresponding author:** Yes
- 67** Ivo Medeiros; Aitor Fernandez Novo; Susana Astiz; Joao Simoes. Production and Health Management from Grazing to Confinement Systems of Largest Dairy Bovine Farms in Azores: A Farmers' Perspective. *Animals (Basel)*. 11 - 10.3390/ani10060925, pp. 3394. MDPI, 2020. Available on-line at: <https://doi.org/10.3390/ani11123394>.  
**Type of production:** Scientific paper  
**Corresponding author:** No
- 68** Luis Ayala Guanga; Susana Astiz; P Nieto Escandon; J Dutan Saramago; Ramiro Rodas- Carpio; Jose Luis Pesantez Pacheco; C Rosales Jamarillo. Relationship between testosterone and penile spicules in Guinea pigs (*Cavia porcellus*). *Theriogenology*. 158, pp. 368 - 374. Elsevier, 2020.  
**Type of production:** Scientific paper **Format:** Journal  
**Corresponding author:** Yes
- 69** Ana Heras-Molina; Jose Luis Pesantez Pacheco; Marta Vázquez Gomez; Consolación García Contreras; Susana Astiz; Beatriz Isabel; Antonio González -Bulnes. Short-Term Effects of Early Menopause on Adiposity, Fatty Acids Profile and Insulin Sensitivity of a Swine Model of Female Obesity. *Biology (Basel)*. 9(9) - 10.3390/biology90902, pp. 284. MDPI, 2020.  
**Type of production:** Scientific paper **Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Corresponding author:** No
- 70** Aitor Fernandez Novo; Sonia Perez Garnelo; Arantxa Villagrà; Natividad Perez Villalobos; Susana Astiz. The Effect of Stress on Reproduction and Reproductive Technologies in Beef Cattle-A Review. *Animals (Basel)*. 10(11) - 10.3390/ani10112096, pp. 2096. MDPI, 2020.  
**Type of production:** Scientific paper **Format:** Journal  
**Corresponding author:** Yes
- 71** Consolación García Contreras; Marta Vázquez Gómez; Jose Luis Pesantez Pacheco; Ana Heras Molina; Teresa Encinas; Susana Astiz Blanco; Antonio González De Bulnes López. The Effects of Maternal Metformin Treatment on Late Prenatal and Early Postnatal Development of the Offspring Are Modulated by Sex. *Pharmaceuticals (Basel)*. 13(11) - 10.3390/ani10111946, pp. 363. MDPI, 2020. ISSN 1932-6203  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 10 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Total no. authors:** 11 **Corresponding author:** No



**Relevant results:** doi: 10.1371/journal.pone.0177593. eCollection 2017. (IF: 3,535; Q1)

- 72** R Rodriguez-Rodriguez; Antonio González-Bulnes; Consolación García-Contreras; Elena Rodriguez-Rodriguez; Susana Astiz; Marta Vázquez-Gomez; Jose Luis Pesantez-Pacheco; Beatriz Isabel; E Salido Ruiz; J González; J Donate Correa; Salvador Lima; Esteban Porrini. The Iberian pig fed with high-fat diet: a model of renal disease in 4 obesity and metabolic syndrome. *International Journal of Obesity*. 44 (2) - 10.1038/s41366-019-0, pp. 457 - 465. 2020.

**Type of production:** Scientific paper

**Format:** Journal

**Corresponding author:** No

- 73** Ana Heras Molina; Jose Luis Pesantez Pacheco; Susana Astiz Blanco; Consolación García Contreras; Marta Vázquez Gómez; Beatriz Isabel; Cristina Ovilo; Antonio González De Bulnes López. The role of offspring genotype-by-sex interactions, independently of environmental cues, on the phenotype traits of an obese swine model. *Biology (Basel)*. In press, MDPI, 2020. ISSN 1932-6203

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 10

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 11

**Corresponding author:** No

**Relevant results:** doi: 10.1371/journal.pone.0177593. eCollection 2017. (IF: 3,535; Q1)

- 74** Marta Vázquez Gómez; Consolación García Contreras; Laura Torres Rovira; José Luis Pesantez Pacheco; Pedro González Añoover; Ernesto Gómez Fidalgo; Raúl Sánchez Sánchez; Cristina Ovilo; Beatriz Isabel; Susana Astiz Blanco; Antonio González De Bulnes López. Polyphenols and IUGR pregnancies: Maternal hydroxytyrosol supplementation improves prenatal and early-postnatal growth and metabolism of the offspring. *PLoS One*. 12 - 5, 17/05/2019. ISSN 1932-6203

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 10

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 11

**Relevant results:** doi: 10.1371/journal.pone.0177593. eCollection 2017. (IF: 3,535; Q1)

- 75** Consolación García Contreras; Marta Vázquez Gómez; Alicia Barbero; Jose Luis Pesantez Pacheco; Angelo Zinellu; Fiammeta Berlinguer; Pedro González Añoover; Gonzalez J; Teresa Encinas; Laura Torres Rovira; Yolanda Nuñez; Jaime Ballesteros; Miriam Ayuso Hernando; Susana Astiz Blanco; Beatriz Isabel; Cristina Ovilo; Antonio González De Bulnes López. Polyphenols and IUGR Pregnancies: Effects of Maternal Hydroxytyrosol Supplementation on Placental Gene Expression and Fetal Antioxidant Status, DNA-Methylation and Phenotype. *Int J Mol Sci*. 20 - 5, 08/03/2019.

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 14

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 17

**Relevant results:** pii: E1187. doi: 10.3390/ijms20051187 (IF: 3,687; Q1)

- 76** Juan Vicente Gonzalez Martín; Natividad Pérez Villalobos; Walter Baumgartner; Susana Astiz. An investigation into the development of right displaced abomasum by rolling 268 dairy cows with left displaced abomasum. *Journal of Dairy Science*. 102 (12) - 10.3168/jds.2019-165, pp. 11268 - 11279. 2019.

**Type of production:** Scientific paper

**Format:** Journal

**Corresponding author:** Yes

- 77** Jose Luis Pesantez-Pacheco; Ana Heras-Molina; Laura Torres-Rovira; Victoria Sanz-Fernandez; Consolación García-Contreras; Marta Vázquez-Gomez; Pablo Feijoo; Elisa Cáceres; Millán Frias-Mateo; Fernando Hernández; Paula Martinez-Ros; Juan Vicente González Martín; Antonio González-Bulnes; Susana Astiz. Maternal Metabolic Demands Caused by Pregnancy and Lactation: Association with Productivity and Offspring Phenotype in High-Yielding Dairy Ewes. *Animals (Basel)*. 30,9(6) - 10.3390/ani9060295, pp. E295. MDPI, 2019.



**Type of production:** Scientific paper  
**Corresponding author:** Yes

**Format:** Journal

- 78** Consolación García Contreras; Marta Vázquez Gómez; Jose Luis Pesantez Pacheco; Laura Torres Rovira; Ana Heras Molina; Teresa Encinas; Susana Astiz Blanco; Antonio González De Bulnes López. Maternal Metformin Treatment Improves Developmental and Metabolic Traits of IUGR Fetuses. *Biomolecules*. 29;9 - 5, 2019.

**Type of production:** Scientific paper  
**Position of signature:** 7

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 8

**Relevant results:** pii: E166. doi: 10.3390/biom9050166 (IF: 5.72; Q1)

- 79** Paula Martínez Ros; Susana Astiz Blanco; Empar García Rosello; Alejandro Ríos Abellán; Antonio González De Bulnes López. Onset of estrus and preovulatory LH surge and ovulatory efficiency in sheep after short-term treatments with progestagen-sponges and progesterone-CIDRs. *Reproduction in Domestic Animals*. 2019. ISSN 0936-6768

**Type of production:** Scientific paper  
**Position of signature:** 2

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 5

**Relevant results:** DOI: 10.1111/rda.13317.: 10.22201/fmvz.24486760e.2018.3.507. (IF: 1,478; Q2)

- 80** Antonio González-Bulnes; Beatriz Isabel; Cristina Ovilo; Susana Astiz; Teresa Encinas; Javier González; B Martínez-Fernandez; Laura Torres-Rovira; Jose Luis Pesantez-Pacheco; Consolación García-Contreras; Ana Heras-Molina; Marta Vázquez-Gomez. Polyphenols and IUGR Pregnancies: Effects of Maternal Hydroxytyrosol Supplementation on Postnatal Growth, Metabolism and Body Composition of the Offspring. *Antioxidants (Basel)*. 8 - 10.3390/antiox811053, pp. 535. MDPI, 2019.

**Type of production:** Scientific paper

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Corresponding author:** No

- 81** Consolación García Contreras; Marta Vázquez Gómez; Zaira Pardo Domínguez; Ana Heras Molina; Teresa Encinas; Laura Torres Rovira; Susana Astiz Blanco; Rosa Nieto; Cristina Ovilo; Antonio González De Bulnes López; Beatriz Isabel. Polyphenols and IUGR Pregnancies: Effects of Maternal Hydroxytyrosol Supplementation on Hepatic Fat Accretion and Energy and Fatty Acids Profile of Fetal Tissues. *Nutrients*. 11 - 7, pp. 11 - 11. 2019.

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 7

**Total no. authors:** 11

**Corresponding author:** No

**Relevant results:** pii: E1534. doi: 10.3390/nu11071534. (IF: 4.51; Q1)

- 82** Paula Martínez Ros; Susana Astiz Blanco; Empar García Rosello; Alejandro Ríos Abellán; Antonio González De Bulnes López. Effects of short-term intravaginal progestagens on the onset and features of estrus, preovulatory LH surge and ovulation in sheep. *Animal Reproduction Science*. 197, pp. 317 - 323. 31/08/2018. ISSN 0378-4320

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 5

**Relevant results:** DOI: 10.1016/j.anireprosci.2018.08.046. (IF: 1.511; Q1).

- 83** Sergio Calsamiglia; Susana Astiz Blanco; Joaquim Baucells; Lorena Castillejos. A stochastic dynamic model of a dairy farm to evaluate the technical and economic performance under different scenarios. *J Dairy Sci*. 1 - 8, 10/08/2018. ISSN 0022-0302

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 4**Relevant results:** doi: 10.3168/jds.2017-12980. (IF: 2.854 Q1)

- 84** Consolación García Contreras; Marta Vázquez Gómez; Laura Torres Rovira; Susana Astiz Blanco; Cristina Óvilo; Antonio González De Bulnes López; Beatriz Isabel. Maternal undernutrition and offspring sex determine birth-weight, postnatal development and meat characteristics in traditional swine breeds. *J Anim Sci Biotechnol.* 9 - 1, 19/03/2018. ISSN 2049-1891

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 4**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7**Relevant results:** doi: 10.1186/s40104-018-0240-6. (IF: 3.205; Q1)

- 85** Consolación García Contreras; Marta Vázquez Gómez; Laura torres Rovira; Jorge González; Esteban Porrini; Magali Gonzalez-Colaço Harmand; Beatriz Isabel; Susana Astiz Blanco; Antonio González De Bulnes López. Characterization of Ageing- and Diet-Related Swine Models of Sarcopenia and Sarcopenic Obesity. *Int J Mol Sci.* 19 - 3, 12/03/2018. ISSN 1422-0067

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 8**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 9**Relevant results:** pii: E823. doi: 10.3390/ijms19030823. (IF: 3,687; Q1)

- 86** Salvador Luis Lima; Consolación Gracia contreras; Marta Vázquez Gómez; Susana Astiz Blanco; Fabiola Carrara; Flavio Gaspari; Natalia Negrín Mena; Alejandro Jiménez Sosa; Hugo Jiménez Hernández; Antonio González De Bulnes Lopez; Estéban Porrini. A Simple Method to Measure Renal Function in Swine by the Plasma Clearance of Iohexol. *Int J Mol Sci.* 19 - 1, 12/01/2018. ISSN 1422-0067

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 4**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 11**Relevant results:** pii: E232. doi: 10.3390/ijms19010232. (IF: 3,687; Q1)

- 87** Pedro González Añover; Laura Torres Rovira; Consolación García Contreras; Marta Vázquez Gómez; José Luis Pesantez Pacheco; María Victoria Sanz Fernández; Susana Astiz Blanco; Antonio González De Bulnes López. Antioxidant homeostasis is disturbed in fetuses with leptin-resistant genotypes: A cross-sectional study. *International Journal of Reproduction and Biomedicine.* 16 - 8, pp. 497 - 500. 2018. ISSN 2476-4108

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 7**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 8**Relevant results:** DOI: 10.29252/ijrm.16.8.497 ]

- 88** Laura Cogollos; Consolación García Contreras; Vázquez Gómez Marta; Susana Astiz Blanco; Sanchez Sanchez Raúl; Ernesto Gómez Fidalgo; Cristina Ovilo; Beatriz Isabel; Antonio González De Bulnes López. Effects of foetal genotype and sex on developmental response to maternal malnutrition. *Reprod Fert Develop.* 29 - 6, 06/2017. ISSN 1031-3613

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 4**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 9



**Relevant results:** Reprod Fert Develop. 29: 1155–1168 doi: 10.1071/RD15385 (IF: 2.135; Q1)

- 89** consolación García contreras; Marta Vázquez Gómez; Susana Astiz Blanco; Laura torres Rovira; Raúl Sánchez Sánchez; Ernesto Gómez Fidalgo; Jorge González; Beatriz Isabel; Ana Rey; Cristina Ovilo; Antonio González De Bulnes López. Ontogeny of Sex-Related Differences in Foetal Developmental Features, Lipid Availability and Fatty Acid Composition. Int J Mol Sci. 18 - 6, 31/05/2017. ISSN 1422-0067

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 3

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 11

**Relevant results:** pii: E1171. doi: 10.3390/ijms18061171. (IF: 1.202; Q1)

- 90** Consolación García Contreras; Daniel Valent; Marta Vázquez Gómez; Laura Arroyo; Beatriz Isabel; susana Astiz Blanco; Anna Bassols; Antonio González De Bulnes López. Fetal growth-retardation and brain-sparing by malnutrition are associated to changes in neurotransmitters profile. Int J Dev Neurosci. 57, pp. 72 - 76. 04/2017.

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 6

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 8

**Relevant results:** doi: 10.1016/j.ijdevneu.2017.01.005. Epub 2017 Jan 16. (IF: 0.969; Q2)

- 91** Jorge López Tello; María Arias Álvarez; María Angeles Jiménez Martínez; Alicia Barbero; Rosa María García García; María Rodríguez; Pedro Luis Lorenzo; Laura Torres Rovira; Susana Astiz Blanco; Antonio González De Bulnes López; Pilar García Rebollar. The effects of sildenafil citrate on fetoplacental development and hemodynamics in a rabbit model of intrauterine growth restriction. Reproduction, Fertility and Development. 29 - 6, 2017. ISSN 1031-3613

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 9

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 11

**Relevant results:** 1239-1248. doi: 10.1071/RD15330. (IF: 2.135; Q1)

- 92** Antonio González De Bulnes López; Susana Astiz Blanco; Cristina Ovilo; Clemente José López Bote; Laura Torres Rovira; Alicia Barbero; Miriam Ayuso Herando; Consolación García Contreras; Marta Vázquez Gómez. Developmental Origins of Health and Disease in swine: implications for animal production and biomedical research. Theriogenology. 86 - 1, pp. 110 - 119. 01/07/2016. ISSN 0093-691X

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 9

**Corresponding author:** No

**Relevant results:** PMID:27238437 DOI:10.1016/j.theriogenology.2016.03.024

- 93** Antonio González De Bulnes López; Susana Astiz Blanco; Marta Vázquez Gómez; Consolación García Contreras. The need for biomarker candidates and therapeutic targets from adequate preclinical models. EuPA Open Proteomics. 10, pp. 50 - 55. 07/01/2016. Available on-line at: <DOI: 10.1016/j.euprot.2016.01.001>. ISSN 2212-9685

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 4

**Relevant results:** (IF:1,8; Q3)



- 94** Scott McDougal; Elke Abbeloos; Sophie Piepers; Theron L; Susana Astiz Blanco; Tine Van Werven; Natividad Pérez Villalobos. Addition of meloxicam to the treatment of clinical mastitis improves subsequent reproductive performances. *J Dairy Sci.* 99 - 3, pp. 1 - 17. 2016. Available on-line at: <<http://dx.doi.org/10.3168/jds.2015-9615>>. ISSN 1525-3198
- Type of production:** Scientific paper  
**Position of signature:** 5  
**Total no. authors:** 7  
**Relevant results:** (IF: 2.854 Q1)
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
- 95** Antonio González De Bulnes López; Susana Astiz Blanco; Cristina Ovilo; Consolación García contreras; Marta Vázquez Gómez. Empowering Translational Research in Fetal Growth Restriction: Sheep. *Current Pharm. Biotech.* 17 - 10, pp. 848 - 855. 2016. ISSN 1389-2010
- Type of production:** Scientific paper  
**Position of signature:** 2  
**Total no. authors:** 5  
**Relevant results:** 17: 1573-1586. (IF: 2,327; Q3)
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
- 96** Antonio González De Bulnes López; Susana Astiz Blanco; Cristina Ovilo; Consolación García Contreras; Marta Vázquez Gómez. Nature and nurture in the early-life origins of metabolic syndrome. *Curr Pharm. Biotech.* 17 - 7, pp. 576 - 586. 2016. ISSN 1873-4316
- Type of production:** Scientific paper  
**Position of signature:** 2  
**Total no. authors:** 5  
**Relevant results:** DOI: 10.2174/1389201017666160301103835 (IF: 2,327; Q3)
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
- 97** Víctor Hugo Parraguez; Sandra Mamani; Eileen Cofré; Giorgio Castellaro; Bessie Urquieta; Mónica De los Reyes; Susana Astiz Blanco; Antonio González De Bulnes López. Disturbances in Maternal Steroidogenesis and Appearance of Intrauterine Growth Retardation at High-Altitude Environments Established from Early Pregnancy. Effects of Treatment with Antioxidant Vitamins. *PLoS ONE.* 10 - 11, 11/11/2015. Available on-line at: <DOI: 10.1371/journal.pone.0140902>. ISSN 1932-6203
- Type of production:** Scientific paper  
**Position of signature:** 7  
**Total no. authors:** 8  
**Relevant results:** (IF: 3,535; Q1)
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
- 98** Antonio González De Bulnes López; Laura Torres Rovira; Susana Astiz Blanco; Cristina Ovilo; Raúl Sanchez Sanchez; Ernesto Gómez Fidalgo; María de la Luz Pérez Solana; Mercedes Martín Lluc; Consolación García Contreras; Marta Vázquez Gómez. Fetal sex modulates developmental response to maternal malnutrition. *PLoS ONE.* 10 - 11, 06/11/2015. Available on-line at: <doi: 10.1371/journal.pone.0142158>. ISSN 1932-6203
- Type of production:** Scientific paper  
**Position of signature:** 3  
**Total no. authors:** 10  
**Relevant results:** IF: 3,535; Q1)
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
- 99** Jorge López Tello; Alicia Barbero; Antonio González De Bulnes López; Susana Astiz Blanco; María Rodríguez Francisco; Nora Formoso Rafferty; María Arias Álvarez; Pilar García Rebollar. Characterization of early changes in fetoplacental hemodynamics in a diet-induced rabbit model of IUGR. *Journal of Developmental Origins of Health*



and Disease.6 - 5, pp. 454 - 461. 10/2015. Available on-line at: <doi: 10.1017/S2040174415001385.>. ISSN 2040-1752

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 4

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 8

**Relevant results:** (IF: 1,5; Q2)

- 100** Juan Carlos Gardon; Begoña Escribano; Susana Astiz Blanco; Salvador Ruíz. Synchronization protocols in Spanish Merino sheep: reduction in time to estrus by the addition of eCG to a progesterone-based estrus synchronization protocol. *Annals of Animal Science*.15 - 2, pp. 409 - 418. 2015. Available on-line at: <doi: 10.1515/aoas-2015-0003>. ISSN 2300-8733

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 3

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 4

**Corresponding author:** No

**Relevant results:** (IF: 0,531; Q3)

- 101** Víctor Hugo Parranguez; Diaz F; Eileen Cofré; Bessie Urquieta; Mónica De los Reyes; Susana Astiz Blanco; Antonio González De Bulnes López. Fertility of a High-Altitude Sheep Model is Compromised by Deficiencies in Both Preovulatory Follicle Development and Plasma LH Availability. *Reprod Domest Anim*. 49 - 6, pp. 977 - 984. 12/2014. Available on-line at: <doi: 10.1111/rda.12417.>. ISSN 1439-0531

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 6

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 7

**Relevant results:** doi: 10.1111/rda.12417. (IF: 1,478; Q2)

- 102** Antonio González De Bulnes López; Susana Astiz Blanco; Cristina Ovilo; Clemente López Bote; Raúl Sanchez Sanchez; María Luz Pérez Solana; Laura Torres Rovira; Miriam Ayuso Hernando; Jorge González. Early-postnatal changes in adiposity and lipids profile by transgenerational developmental programming in swine with obesity/leptin resistance. *J Endocrinol*. 223 - 1, pp. 17 - 29. 10/2014. Available on-line at: <doi: 10.1530/JOE-14-0217>. ISSN 0022-0795

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 9

**Relevant results:** doi: 10.1530/JOE-14-0217 (IF: 4,038; Q1)

- 103** Alicia Barbero; Isabel García Real; Susana Astiz Blanco; Miriam Ayuso Hernando; Clemente López Bote; Antonio González De Bulnes López. Feasibility of MRI and selection of adequate regions of interest for longitudinal studies of growth and fatness in swine models of obesity. *Diagnostic and Interventional Imaging*. 95 - 9, pp. 839 - 847. 09/2014. ISSN 2211-5684

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 3

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 6

**Relevant results:** DOI: 10.1016/j.diii.2014.03.002 (IF: 0,591; Q1)

- 104** Alicia Barbero; Susana Astiz Blanco; Cristina Ovilo; Clemente J López Bote; María de la Luz Oérez Solana; Miriam Ayuso Hernando; Antonio González De Bulnes López. Prenatal programming of obesity in a swine model of leptin resistance: modulatory effects of controlled postnatal nutrition and exercise. *J Dev Orig Health Dis*.5 - 3, pp. 248 - 258. 05/2014. ISSN 2040-1744

**Type of production:** Scientific paper**Position of signature:** 2**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7**Relevant results:** doi: 10.1017/S2040174414000208. (IF: 1,5; Q2)

- 105** Cristina Ovilo; Antonio González De Bulnes López; Rita Benitez; Miriam Ayuso Hernando; Alicia Barbero; María de la Luz Pérez Solana; Carmen Barragan; Susana Astiz Blanco; Fernandez A; Clemente López Bote. Prenatal programming in an obese swine model: sex-related effects of maternal energy restriction on morphology, metabolism and hypothalamic gene expression. Br. J. Nutr. 111 - 4, pp. 735 - 746. 02/2014. ISSN 1475-2662

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 8**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 10**Relevant results:** doi: 10.1017/S0007114513002948.

- 106** Laura Torres Rovira; Susana Astiz Blanco; Pedro González Añover; Pilar Pallares; Sonia salomé Pérez Garnelo; Maria Luz Pérez Solana; Raúl Sanchez Sanchez; Antonio González De Bulnes López. Intake of high saturated-fat diets disturbs steroidogenesis, lipid metabolism and development of obese-swine conceptuses from early-pregnancy stages. Journal of Steroid Biochemistry and Molecular Biology. 139, pp. 130 - 137. 2014. ISSN 1879-1220

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 2**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 8**Corresponding author:** No**Relevant results:** DOI: 10.1016/j.jsbmb.2013.01.004 (IF: 3,787; Q2)

- 107** Salvador Ruíz; Jon Romero Aguirregomez cortá; Susana Astiz Blanco; Begoña Peinado Ramón; Laura Almela Veracruz; Angel Poto. Application of Reproductive Biotechnology for the Recovery of Endangered Breeds: Birth of the First Calf of Murciana-Levantina Bovine Breed Derived by OPU, In vitro Production and Embryo Vitrification. Reprod Domest Anim. 48 - 6, 12/2013. ISSN 1439-0531

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 3**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Relevant results:** doi: 10.1111/rda.12179. (IF: 1,478; Q2)

- 108** Alicia Barbero; Susana Astiz Blanco; Clemente López Bote; María Luz Pérez Solana; Miriam Ayuso Hernando; Isabel García Real; Antonio González De Bulnes López. Maternal Malnutrition and Offspring Sex Determine Juvenile Obesity and Metabolic Disorders in a Swine Model of Leptin Resistance. Maternal Malnutrition and Offspring Sex Determine Juvenile Obesity and Metabolic Disorders in a Swine Model of Leptin Resistance. 8 - 10, 24/10/2013. ISSN 1932-6203

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 2**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7**Corresponding author:** No**Relevant results:** doi: 10.1371/journal.pone.0078424. eCollection 2013

- 109** Antonio González De Bulnes López; Cristina Ovilo; Clemente López Bote; Susana Astiz Blanco; Miriam Ayuso Hernando; Maria Luz Pérez Solana; Raúl Sanchez Sanchez; Laura Torres Rovira. Fetal and early-postnatal developmental patterns of obese-genotype piglets exposed to prenatal programming by maternal over- and undernutrition. Endocr Metab Immune Disord Drug Targets. 13 - 3, pp. 240 - 249. 09/2013. ISSN 2212-3873

**Type of production:** Scientific paper**Format:** Journal

**Position of signature:** 4**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 8**Relevant results:** DOI: 10.2174/18715303113139990036 (IF: 0,1; Q3)

- 110** Antonio González De Bulnes López; Susana Astiz Blanco; Raúl Sanchez Sanchez; María Luz Pérez Solana; Ernesto Gómez Fidalgo. Maternal diet-induced obesity in swine with leptin resistance modifies puberty and pregnancy outputs of the adult offspring. *Journal of Developmental Origins of Health and Disease*. 4 - 4, pp. 290 - 295. 08/2013. ISSN 2040-1752

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 2**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5**Corresponding author:** No**Relevant results:** doi:10.1017/S2040174413000196:16. . (IF: 1,5; Q2)

- 111** Laura Torres Rovira; Anne Tarrade; Susana Astiz Blanco; Eve Mourier; María Luz Pérez Solana; Paloma De la Cruz; Ernesto Gómez Fidalgo; Raúl Sanchez Sanchez; Pascal Chavatte Palmer; Antonio González De Bulnes López. Sex and Breed-Dependent Organ Development and Metabolic Responses in Foetuses from Lean and Obese/Leptin Resistant Swine. *PLoS One*. 8 - 7, 23/07/2013. ISSN 1932-6203

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 3**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 10**Corresponding author:** No**Relevant results:** doi: 10.1371/journal.pone.0066728:e66728. (IF: 3,535; Q1)

- 112** Laura Torres Rovira; Pedro González Añover; Susana Astiz Blanco; Alicia Caro; Clemente López Bote; Cristina Ovilo; Pilar Pallares; María Luz Pérez Solana; Raúl Sanchez Sanchez; Antonio González De Bulnes López. Effect of an obesogenic diet during the juvenile period on growth pattern, fatness and metabolic, cardiovascular and reproductive features of swine with obesity/leptin resistance. *Endocr Metab Immune Disord Drug Targets*. 13 - 2, pp. 143 - 151. 06/2013. ISSN 2212-3873

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 3**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 10**Relevant results:** DOI: 10.2174/1871530311313020002 (IF: 0,1; Q3)

- 113** Víctor Hugo Parraguez; Bessie Urquieta; Laura Pérez; Giorgio Castellaro; Mónica De los Reyes; Laura Torres Rovira; Alejandra Aguado Martínez; Susana Astiz Blanco; Antonio González De Bulnes López. Fertility in a high-altitude environment is compromised by luteal dysfunction: the relative roles of hypoxia and oxidative stress. *Reprod Biol Endocrinol*. pp. 11 - 24. 23/03/2013. ISSN 1477-7827

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 8**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 9**Corresponding author:** No**Relevant results:** doi: 10.1186/1477-7827-11-24. (IF: 2,421; Q3)

- 114** Víctor Hugo Parraguez; Bessie Urquieta; Mónica De los Reyes; Antonio González De Bulnes López; Susana Astiz Blanco; Andres Muñoz. Steroidogenesis in sheep pregnancy with intrauterine growth retardation by high-altitude hypoxia: effects of maternal altitudinal status and antioxidant treatment. *Reprod Fertil Dev*. 25 - 4, pp. 639 - 645. 2013. ISSN 1031-3613

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 5**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 6**Corresponding author:** No**Relevant results:** doi: 10.1071/RD12020. (IF: 2.135; Q1)

- 115** Antonio González De Bulnes López; Susana Astiz Blanco; Teresa Encinas; Pedro González Añoover; María Luz Pérez Solana; Raúl Sanchez Sanchez; Laura Torres Rovira; Jesus Tresguerres. Characterization of a distinctive pattern of periovulatory leptin secretion and its relationship with ovulation rate and luteal function in swine with obesity/leptin resistance. *Peptides*. 37 - 2, pp. 290 - 293. 10/2012. ISSN 1873-5169

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 2**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 8**Corresponding author:** No**Relevant results:** doi: 10.1016/j.peptides.2012.07.016 (IF: 2,516; Q2)

- 116** Antonio González De Bulnes López; Cristina Ovilo; Clemente López Bote; Susana Astiz Blanco; Miriam Ayuso Hernando; María Luz Pérez Solana; Raúl Sánchez Sánchez; Laura Torres Rovira. Gender-specific early postnatal catch-up growth after intrauterine growth retardation by food restriction in swine with obesity/leptin resistance. *Reproduction*. 44 - 2, pp. 269 - 278. 08/2012. ISSN 1741-7899

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 4**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 8**Corresponding author:** No**Relevant results:** DOI: 10.1530/REP-12-0105 (IF 3,604; Q1)

- 117** Laura Torres Rovira; Susana Astiz Blanco; Alicia Caro Vadillo; Clemente López Bote; Cristina Ovilo; Pilar Pallares; María Luz Pérez Solana; Raúl Sánchez Sánchez; Antonio González De Bulnes López. A Diet-Induced Parameters of Metabolic Syndrome and Type-2 Diabetes 1 in a Swine Model of Obesity/Leptin-Resistance (Iberian pig). *ScientificWorldJournal*. 12, 05/2012. ISSN 1537-744X

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 2**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 9**Corresponding author:** No**Relevant results:** DOI: 10.1100/2012/510149

- 118** Antonio González De Bulnes López; Laura Torres Rovira; Cristina Ovilo; Susana Astiz Blanco; Ernesto Gómez Izquierdo; Pilar Pallares; María Luz Pérez Solana; Raúl Sánchez Sánchez. Reproductive, endocrine and metabolic fetomaternal features and placental gene expression in a swine breed with obesity/leptin resistance. *Gen Comp Endocrinol*. 176 - 1, pp. 94 - 101. 01/03/2012. ISSN 1095-6840

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 4**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 8**Corresponding author:** No**Relevant results:** DOI: 10.1016/j.ygcen.2011.12.038 (IF 2,821; Q3)

- 119** Laura Torres Rovira; Pedro González Añoover; Pilar Pallares; María Luz Pérez Solana; Susana Astiz Blanco; Ernesto Gómez Izquierdo; Raúl Sánchez Sánchez; Antonio González De Bulnes López. The Interaction between Ovulation Rate and Embryo Survival in Determining Prolificacy of Different Strains of Obese Swine with Gene 2 Polymorphisms for Leptin Receptors. *Anim Production Sci*. 52 - 1, pp. 58 - 63. 2012. ISSN 1836-0939

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 5**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 8**Corresponding author:** No**Relevant results:** DOI: 10.1071/AN11140 (IF: 1,098; Q2)



- 120** Juan Vicente González Martín; Susana Astiz Blanco; Laura Elvira Partida; Fernando López Gatius. New surgical technique to correct urovagina improves the fertility of dairy cows. *Theriogenology*. 69 - 3, pp. 360 - 365. 02/2008. ISSN 0093-691X  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 2 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Total no. authors:** 4 **Corresponding author:** No  
**Relevant results:** DOI: 10.1016/j.theriogenology.2007.10.002 (IF: 2.054; Q1)
- 121** Alfonso Monge; Laura Elvira Partida; Juan Vicente González Martín; Susana Astiz Blanco; Wellemberg GJ. Bovine herpesvirus 4 associated postpartum metritis in a Spanish dairy herd. *Res Vet Sci*. 80 - 1, pp. 120 - 125. 02/2006. ISSN 0034-5288  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 4 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Total no. authors:** 5 **Corresponding author:** No  
**Relevant results:** DOI: 10.1016/j.rvsc.2005.04.001 (IF: 1,571; Q1)
- 122** Consolación García Contreras; Marta Vázquez Gómez; Susana Astiz Blanco; Laura Torres Rovira; Beatriz Isabel; Cristina Ovilo; Antonio González De Bulnes López. Effect of sex and age on fatty acid composition of Iberian swine foetuses exposed to maternal malnutrition. *Archivos de Zootecnia*. pp. 109 - 113. 2018. ISSN 0004-0592  
**Type of production:** Popular science article **Format:** Journal  
**Position of signature:** 3  
**Total no. authors:** 7  
**Relevant results:** DOI: 10.21071/az.v67iSupplement.3218.
- 123** Antonio González De Bulnes López; Susana Astiz Blanco; Cristina Ovilo; Beatriz Isabel; Clemente López Bote; Laura Torres Rovira; Miriam Ayuso Hernando; Marta Vázquez Gómez; Consolación García Contreras. Implications of prenatal programming in Iberian pig production. *Archivos de Zootecnia*. extra - 1, pp. 93 - 95. 2018. ISSN 0004-0592  
**Type of production:** Popular science article **Format:** Journal  
**Position of signature:** 2  
**Total no. authors:** 9  
**Relevant results:** DOI: 10.21071/az.v67iSupplement.3214.
- 124** Ana Heras Molina; Jose Luis Pesantez Pacheco; Susana Astiz. Reproductive Efficiency in Dairy Cows: Changing Trends. Juan Carlos Gardón and Katy Satué, (Ed.). *Biotechnologies Applied to Animal Reproduction. Current Trends and Practical Applications for Reproductive Management*. pp. 419. Apple Academic Press (AAP) INC. and CRC Press Taylor and Frances Group. Florida. 32905 USA, 2020.  
**Type of production:** Book chapter **Format:** Book  
**Corresponding author:** Yes
- 125** Heras-Molina A; Vázquez Gómez M.; García Contreras C; Sanz Fernández M.V; Torres Rovira L; Segura Plaza FJ; Pesántez Pacheco JL; Astiz Blanco S; Óvilo C; González de Bulnes A; Alberto Camargo C; Isabel B. Efecto del genotipo en la composición de ácidos grasos de la grasa visceral en porcino. XVIII jornadas sobre producción animal. AIDA, 2019.  
**Type of production:** Book chapter **Format:** Book  
**Corresponding author:** No
- 126** González-martin JV; Pineda J; Astiz S; Cerviño M. Atlas de las enfermedades del ternero. Atlas de las enfermedades del ternero. Schering Plough, Animal Health, 2003. ISBN 84-688-0681-1  
**Type of production:** Book chapter **Format:** Book  
**Corresponding author:** Yes



- 127** Irene Zorrilla Delgado; Fernando Fariñas Guerrero; Juan Vicente González Nartín; Susana Astiz Blanco; Laura Elvira Partida; Manuel Cerviño López. Clostridiosis histolíticas epidémicas. Carbunco sintomático. Clostridiosis Bovinas II: Procesos histolíticos y neurológicos. 119, pp. 7 - 20. Bovis, 2004. ISSN 1130-4804

**Type of production:** Scientific book or monograph

**Position of signature:** 4

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee

**Total no. authors:** 6

**Relevant results:** En: Cerviño López M. Clostridiosis Bovinas II: Procesos histolíticos y neurológicos.

- 128** Juan Vicente González Nartín; Laura Elvira Partida; Susana Astiz Blanco; Irene Zorrilla Delgado; Fernando Fariñas Guerrero. Clostridiosis digestivas y enterotoxemias: diagnóstico. Clostridiosis Bovinas I: C. Perfringens y otros clostridios que provocan cuadros digestivos. 116, pp. 61 - 82. Bovis, 2004.

**Type of production:** Scientific book or monograph

**Position of signature:** 3

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee

**Total no. authors:** 5

**Relevant results:** En: Clostridiosis Bovinas I: C. Perfringens y otros clostridios que provocan cuadros digestivos.

- 129** Juan Vicente González Nartín; Susana Astiz Blanco; Laura Elvira Partida; Fernando Fariñas Guerrero; Irene Zorrilla Delgado; Manuel Cerviño López. Clostridiosis histolíticas esporádicas. Clostridiosis Bovinas II: Procesos histolíticos y neurológicos. 119, pp. 21 - 50. Bovis, 2004. ISSN 1130-4804

**Type of production:** Scientific book or monograph

**Position of signature:** 2

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee

**Total no. authors:** 6

**Relevant results:** En: Cerviño López M. Clostridiosis Bovinas II: Procesos histolíticos y neurológicos.

- 130** Laura Elvira Partida; Juan Vicente González Nartín; Susana Astiz Blanco; Fernando Fariñas Guerrero; Irene Zorrilla Delgado; Manuel Cerviño López. Clostridiosis neurotóxicas. Tétanos y botulismo. Clostridiosis Bovinas II: Procesos histolíticos y neurológicos. 119, pp. 50 - 70. Bovis, 2004. ISSN 1130-4804

**Type of production:** Scientific book or monograph

**Position of signature:** 3

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee

**Total no. authors:** 6

**Relevant results:** En: Cerviño López M. Clostridiosis Bovinas II: Procesos histolíticos y neurológicos.

- 131** Irene Zorrilla Delgado; Fernando Fariñas Guerrero; Juan Vicente González Nartín; Susana Astiz Blanco; Laura Elvira Partida. Diagnóstico laboratorio. Clostridiosis Bovinas II: Procesos histolíticos y neurológicos. 119, pp. 71 - 92. Bovis, 2004.

**Type of production:** Scientific book or monograph

**Position of signature:** 4

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee

**Total no. authors:** 5

**Relevant results:** En: Cerviño López M. Clostridiosis Bovinas II: Procesos histolíticos y neurológicos.



- 132** Juan Vicente González Nartín; Laura Elvira Partida; Susana Astiz Blanco. Enfermedades provocadas por Clostridium perfringens. Sintomatología, cuadro clínico y lesiones macroscópicas. Clostridiosis Bovinas I: C. Perfringens y otros clostridios que provocan cuadros digestivos. 116, pp. 43 - 51. Bovis, 2004.  
**Type of production:** Scientific book or monograph  
**Position of signature:** 3  
**Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee  
**Total no. authors:** 3  
**Relevant results:** En: Cerviño López M. Clostridiosis Bovinas I: C. Perfringens y otros clostridios que provocan cuadros digestivos.
- 133** Irene Zorrilla Delgado; Manuel Cerviño López; Fernando Fariñas Guerrero; Juan Vicente González Nartín; Laura Elvira Partida; Susana Astiz Blanco. Otras clostridiosis que provocan cuadros digestivos. Clostridiosis Bovinas I: C. Perfringens y otros clostridios que provocan cuadros digestivos. 116, pp. 53 - 60. Bovis, 2004.  
**Type of production:** Scientific book or monograph  
**Position of signature:** 6  
**Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee  
**Total no. authors:** 6  
**Relevant results:** En: Clostridiosis Bovinas I: C. Perfringens y otros clostridios que provocan cuadros digestivos.
- 134** Juan Vicente González Nartín; Laura Elvira Partida; Susana Astiz Blanco. Tratamiento y actuación veterinaria: manejo. Clostridiosis Bovinas I: C. Perfringens y otros clostridios que provocan cuadros digestivos. 116, pp. 83 - 84. Bovis, 2004.  
**Type of production:** Scientific book or monograph  
**Position of signature:** 3  
**Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee  
**Total no. authors:** 3  
**Relevant results:** En: Clostridiosis Bovinas I: C. Perfringens y otros clostridios que provocan cuadros digestivos.
- 135** Juan Vicente González Nartín; Susana Astiz Blanco. Piroplasmosis: patogenia, clínica y lesiones. Piroplasmosis: patogenia, clínica y lesiones. 108, pp. 41 - 52. Bovis, 2002.  
**Type of production:** Scientific book or monograph  
**Position of signature:** 2  
**Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee  
**Total no. authors:** 2
- 136** Susana Astiz Blanco; Juan Vicente González Nartín; Luis Ayala. Anatomía y exploración de la vagina. 103, pp. 13 - 21. Bovis, 2001. ISSN 1130-4804  
**Type of production:** Scientific book or monograph  
**Position of signature:** 1  
**Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee  
**Corresponding author:** Yes  
**Total no. authors:** 3
- 137** Juan Vicente González Nartín; Susana Astiz Blanco. Urovagina. 103, pp. 51 - 59. Bovis, 2001.  
**Type of production:** Scientific book or monograph  
**Position of signature:** 2  
**Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee  
**Total no. authors:** 2



- 138** Hans Peter Nohner; Susana Astiz Blanco. 35 embriones de una vaca sacrificada en matadero tras la producción in vitro de los mismos. Embryonen von einer Schlachtkuh nach In-vitro-Produktion. 103, pp. 13 - 21. 1998. ISBN 3-8265-6708-0

**Type of production:** Scientific book or monograph

**Position of signature:** 2

**Total no. authors:** 2

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee

**Corresponding author:** Yes

- 139** Mercedes Gómez Bautista; Susana Astiz Blanco; Ramajo V; Tarazona J.M.. Epidemiología de las bronconeumonías verminosas. 44 - 2, pp. 24 - 41. Ovis, 1996.

**Type of production:** Scientific book or monograph

**Position of signature:** 2

**Total no. authors:** 4

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee

- 140** Juan Ramón García; Jon Romero Aguirregomezorta; Susana Astiz Blanco; Salvador Ruíz López. Adición de sustancias antioxidantes en los medios de cultivo empleados en la producción in vitro de embriones en mamíferos. Rev. Salud Anim. 35 - 1, 04/2013. ISSN 0253-570X

**Type of production:** Review

**Position of signature:** 3

**Total no. authors:** 4

**Format:** Journal

**Degree of contribution:** Author or co-author of review

- 141** Susana Astiz Blanco. Contrastación de la sensibilidad de distintos test de detección de residuos antibióticos en leche de vaca mediante la determinación de cefalonium en muestras del noveno ordeño tras un secado normal con Cevavin VS. Schering-Plough A.H.

**Type of production:** Scientific-technical report

**Format:** Scientific and technical document or report

- 142** Susana Astiz Blanco. Establishment of the relation between local and systemic response after administration of a Covexin-10 vaccination program to calves [Determinación de la relación entre la reacción local y sistémica tras la administración de un programa vacunal con Covexin-10 en terneros], nº de registro y protocolo: PC05-MC03-06. Schering-Plough A.H.

**Type of production:** Scientific-technical report

**Format:** Scientific and technical document or report

## Works submitted to national or international conferences

- 1** **Title of the work:** Level of passive immunity and of colostrum quality (% Brix) in Spanish dairy bovine farms and associated risk factors

**Name of the conference:** International Scientific Meeting on colostrum

**Type of event:** Conference

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

**Corresponding author:** Yes

**City of event:** Las Palmas de Gran Canaria, Canary Islands, Spain

**Date of event:** 16/11/2022

**End date:** 18/11/2022

**Organising entity:** Universidad de las Palmas de Gran Canaria

**Type of entity:** University

Astiz S; Dieguez J; Cerviño M; Alcazar E; Arteaga P; Cavia I; Conill C; Fernández-Novo A; Fernandez V; Ganau S; Guitérrez I. "Proceedings".



- 2** **Title of the work:** Invited Conference: Do we enhance reproductive efficiency controlling stress in beef cows?  
**Name of the conference:** 7th National and 3rd International Herd Health and Management Congress,  
**Corresponding author:** Yes  
**City of event:** Antalya, Turkey  
**Date of event:** 20/10/2022  
**End date:** 23/09/2022  
**Organising entity:** Farm Animal Medicine Association Turkey  
**Type of entity:** Associations and Groups  
 "Proceedings Book".
- 3** **Title of the work:** Relationship between blood metabolites and semen production and quality in Wagyu bulls  
**Name of the conference:** Congreso Internacional AERA-Asociación Española de Reproducción Animal.  
**Corresponding author:** No  
**City of event:** León, Castile and León, Spain  
**Date of event:** 20/10/2022  
**End date:** 22/10/2022  
**Organising entity:** AERA  
**Type of entity:** Associations and Groups  
 Eduardo de Mercado; Vázquez-Mosquera JM; Pesántez-Pacheco JL; Fernández-Novo A; Fernández-Vega A; Pérez-Solana ML; Villagrà A; Martínez D; Gardón JC; Sebastián F; Astiz S; Pérez-Garnelo SS.  
 "AERA2022 Libro de Congresos".
- 4** **Title of the work:** Relationship between plasma testosterone and leptin concentrations, scrotal circumference, semen production and sperm quality in pure breed Wagyu bulls  
**Name of the conference:** Congreso Internacional AERA-Asociación Española de Reproducción Animal.  
**Corresponding author:** No  
**City of event:** León, Castile and León, Spain  
**Date of event:** 20/10/2022  
**End date:** 22/10/2022  
**Organising entity:** AERA  
**Type of entity:** Associations and Groups  
 Eduardo de Mercado; Vázquez-Mosquera JM; Pesántez-Pacheco JL; Fernández-Novo A; Fernández-Vega A; Pérez-Solana ML; Villagrà A; Martínez D; Gardón JC; Sebastián F; Astiz S; Pérez-Garnelo SS.  
 "AERA2022 Libro de Congresos".
- 5** **Title of the work:** Invited Conference: "¿Minimizando el estrés mejoramos la eficiencia reproductiva en rebaños de nodrizas?"  
**Name of the conference:** I Congreso de Sanidad y Bienestar Animal OCV,  
**Corresponding author:** Yes  
**City of event:** León, Castile and León, Spain  
**Date of event:** 15/09/2022  
**End date:** 17/09/2022  
**Organising entity:** OCV, Organización Colegial Veterinaria  
 "Proceedings Book".
- 6** **Title of the work:** Blood metabolism in Holstein calves fed milk replacer two vs. thrice per day. Poster  
**Name of the conference:** 31 WBC (World Buiatrics Congress)  
**Corresponding author:** No  
**City of event:** Madrid, Spain  
**Date of event:** 04/09/2022  
**End date:** 08/09/2022  
**Organising entity:** WBA (World Buiatrics Association)  
**Type of entity:** Associations and Groups



Revilla-Ruiz A; de Mercado E; Pérez-Navarro A; Carulla P; Ramón-Moragues A; López-Saturnino A; Pérez-Solana ML; Pérez-Garnelo S; Estellés F; Villagrà A; Sebastián F; Astiz S.  
"WBC2002Madrid-ProceedingsAbstractBook Pp100-101".

- 7 Title of the work:** Consensus on calf scour – Repositioning vets at the center of solution. Oral communication

**Name of the conference:** 31 WBC (World Buiatrics Congress)

**Corresponding author:** No

**City of event:** Madrid, Spain

**Date of event:** 04/09/2022

**End date:** 08/09/2022

**Organising entity:** WBA (World Buiatrics Association)

**Type of entity:** Associations and Groups

Yarnall M; Ryan ML; Astiz S; Nothhelfer A; Bertani S; Schooneveld H; Pardon B; Vahlenkamp T; Fredslund Matthiesen T; Wolfger B; Haggag I; Timothy S; Cerviño M; Bolon A; Morandi N; Driesse M; Maris J; Bechter M; Manske T; Kukla P; Alnahrawy M; Lang M. A. "WBC2002Madrid-ProceedingsAbstractBook Pp265-266".

- 8 Title of the work:** Effect of extender on CASA motility results of Wagyu semen obtained by electroejaculation under field conditions in Spain. Poster.

**Name of the conference:** 31 WBC (World Buiatrics Congress)

**Corresponding author:** Yes

**City of event:** Madrid, Spain

**Date of event:** 04/09/2022

**End date:** 08/09/2022

**Organising entity:** WBA (World Buiatrics Association)

**Type of entity:** Associations and Groups

Revilla-Ruiz A; de Mercado E; Pérez-Navarro A; Carulla P; Ramón-Moragues A; López-Saturnino A; Pérez-Solana ML; Pérez-Garnelo S; Estellés F; Villagrà A; Sebastián F; Astiz S.  
"WBC2002Madrid-ProceedingsAbstractBook Pp255-256".

- 9 Title of the work:** Effect of extender on CASA motility results of Wagyu semen obtained by electroejaculation under field conditions in Spain. Poster.

**Name of the conference:** 31 WBC (World Buiatrics Congress)

**Corresponding author:** Yes

**City of event:** Madrid, Community of Madrid, Spain

**Date of event:** 04/09/2022

**End date:** 08/09/2022

**Organising entity:** WBA (World Buiatrics Association)

Vázquez-Mosquera JM; Fernández-Novo A; Eduardo de Mercado; Pesántez-Pacheco JL; Heras-Molina A; Pérez-Solana ML; Lema-Hurtado JL; Astiz S; Pérez-Garnelo SS.  
"WBC2002Madrid-ProceedingsAbstractBook Pp255-256".

- 10 Title of the work:** Effect of initial health status in Holstein calves on production and health parameters. Oral Communication

**Name of the conference:** 31 WBC (World Buiatrics Congress)

**Corresponding author:** No

**City of event:** Madrid, Spain

**Date of event:** 04/09/2022

**End date:** 08/09/2022

**Organising entity:** WBA (World Buiatrics Association)

**Type of entity:** Associations and Groups



Revilla-Ruiz A; de Mercado E; Pérez-Navarro A; Carulla P; Ramón-Moragues A; López-Saturnino A; Pérez-Solana ML; Pérez-Garnelo S; Estellés F; Villagrà A; Sebastián F; Astiz S.  
"WBC2002Madrid-ProceedingsAbstractBook Pp209-210".

- 11 Title of the work:** Effect of two vs. three milk replacer feedings per day on behaviour and stress in Holstein calves. Oral Communication  
**Name of the conference:** 31 WBC (World Buiatrics Congress)  
**Corresponding author:** No  
**City of event:** Madrid, Spain  
**Date of event:** 04/09/2022  
**End date:** 08/09/2022  
**Organising entity:** WBA (World Buiatrics Association) **Type of entity:** Associations and Groups  
 Carulla P; Ramón-Moragues A; Martínez MA; de Mercado E; López-Saturnino A; Pérez-Solana ML; Astiz S; Sebastián F; Estellés F; Villagrà A. "WBC2002Madrid-ProceedingsAbstractBook Pp128-129".
- 12 Title of the work:** Effect of two vs. three milk replacer feedings/ day on productive and health parameters in Holstein calves. Oral Communication.  
**Name of the conference:** 31 WBC (World Buiatrics Congress)  
**Corresponding author:** No  
**City of event:** Madrid, Spain  
**Date of event:** 04/09/2022  
**End date:** 08/09/2022  
**Organising entity:** WBA (World Buiatrics Association) **Type of entity:** Associations and Groups  
 Revilla-Ruiz A; de Mercado E; Pérez-Navarro A; Carulla P; Ramón-Moragues A; López-Saturnino A; Pérez-Solana ML; Pérez-Garnelo S; Estellés F; Villagrà A; Sebastián F; Astiz S.  
 "WBC2002Madrid-ProceedingsAbstractBook Pp203-204".
- 13 Title of the work:** Elevated tail: clinical sign for early diagnosis of vaginal pathologies. Oral communication  
**Name of the conference:** 31 WBC (World Buiatrics Congress)  
**Corresponding author:** No  
**City of event:** Madrid, Spain  
**Date of event:** 04/09/2022  
**End date:** 08/09/2022  
**Organising entity:** WBA (World Buiatrics Association) **Type of entity:** Associations and Groups  
 Revilla-Ruiz A; Astiz S; Patrón-Collantes R; González-Martín JV.  
 "WBC2002Madrid-ProceedingsAbstractBook Pp374".
- 14 Title of the work:** MOET efficiency in a Spanish Japanese black herd and effects of environmental and metabolic markers.  
**Name of the conference:** 73º Annual Meeting of European Federation of Animal Science (EAAP)  
**Corresponding author:** Yes  
**City of event:** Porto, Portugal  
**Date of event:** 04/09/2022  
**End date:** 09/09/2022  
**Organising entity:** EAAP (European Federation of Animal Science) **Type of entity:** Associations and Groups  
 Fernández-Novo A; Vázquez-Mosquera JM; Bonet-Bo M; Pérez-Villalobos N; Pesántez-Pacheco JL; Heras-Molina A.; Pérez-Solana ML; Eduardo de Mercado; Gardón JC; Villagrà A; Sebastián F; Pérez-Garnelo SS; Martínez D; Astiz S. "AEEP2022 ProceedingsBook Pp187".



- 15** **Title of the work:** MOET efficiency in a Spanish Japanese black herd and effects of environmental and metabolic markers.  
**Name of the conference:** WWI Middle European Buiatrics Congress (2022)  
**Corresponding author:** Yes  
**City of event:** Stare Jablonki,, Poland  
**Date of event:** 04/09/2022  
**End date:** 09/09/2022  
**Organising entity:** Middle European Buiatrics Associations  
Vázquez-Mosquera JM; Fernández-Novo A; Bonet-Bo M; Pérez-Villalobos N; Pesántez-Pacheco JL; Pérez-Solana ML; Eduardo de Mercado; Gardón JC; Villagrà A; Sebastián F; Pérez-Garnelo SS; Martínez D; Astiz S.
- 16** **Title of the work:** Productive and reproductive impact of subclinical mastitis by Prototheca in a comercial dairy farm in central Spain. Oral communication  
**Name of the conference:** 31 WBC (World Buiatrics Congress)  
**Corresponding author:** No  
**City of event:** Madrid, Spain  
**Date of event:** 04/09/2022  
**End date:** 08/09/2022  
**Organising entity:** WBA (World Buiatrics Association) **Type of entity:** Associations and Groups  
Pérez-Villalobos N; Cañaveras M; Andreu C; Patrón-Collantes R; Astiz S; González-Martín JV. "WBC2002Madrid-ProceedingsAbstractBook Pp431-432".
- 17** **Title of the work:** Retained placenta as a potential reservoir of milk pathogens in dairy cows. Poster.  
**Name of the conference:** 31 WBC (World Buiatrics Congress)  
**Corresponding author:** Yes  
**City of event:** Madrid, Community of Madrid, Spain  
**Date of event:** 04/09/2022  
**End date:** 08/09/2022  
**Organising entity:** WBA (World Buiatrics Association)  
Ribeiro D; Fernández-Novo A; Astiz S; Simoes J. "WBC2002Madrid-ProceedingsAbstractBook Pp356-357".
- 18** **Title of the work:** Testosterone and sperm quality of purebred Wagyu bulls under field condtions in Spain. Poster  
**Name of the conference:** 31 WBC (World Buiatrics Congress)  
**Corresponding author:** No  
**City of event:** Madrid, Community of Madrid, Spain  
**Date of event:** 04/09/2022  
**End date:** 08/09/2022  
**Organising entity:** WBA (World Buiatrics Association)  
Vázquez-Mosquera JM; Fernández-Novo A; Eduardo de Mercado; Pesántez-Pacheco JL; Heras-Molina A; Pérez-Solana ML; Lema-Hurtado JL; Astiz S; Pérez-Garnelo SS. "WBC2002Madrid-ProceedingsAbstractBook Pp254-255".
- 19** **Title of the work:** Veterinary advise and health management in bovine dairy farms from São Miguel Island (Azores)  
**Name of the conference:** 73° Annual Meeting of European Federation of Animal Scienc (EAAP)  
**Corresponding author:** Yes  
**City of event:** Porto, Portugal  
**Date of event:** 04/09/2022  
**End date:** 09/09/2022



**Organising entity:** EAAP (European Federation of Animal Science)  
**Type of entity:** Associations and Groups  
17. Medeiros I.; Fernández-Novo A; Simões J; Astiz S. "EAAP2022 ProceedingsBook Pp 584".

**20 Title of the work:** Effect of number of feedings on behaviour in holstein calves. Oral communication.  
**Name of the conference:** Primeras Jornadas de la RedCIBA y de la ISAE Región Sudoeste Europeo,  
**Corresponding author:** No  
**City of event:** Barcelona, Spain  
**Date of event:** 14/07/2022  
**End date:** 15/07/2022  
**Organising entity:** RedCiba e ISAE  
Carulla P; Ramón-Moragues A; Pérez A; Sebastián F; Astiz S; Estellés F; Villagrà A.

**21 Title of the work:** Invited Conference: Anwendbarkeit und Kosten-Nutzen-Relation von Synchronisationsprogrammen bei Färsen  
**Name of the conference:** 11th Leipziger Veterinary Congress (Tierärztekongress)  
**Corresponding author:** Yes  
**City of event:** Leipzig, Germany  
**Date of event:** 07/07/2022  
**End date:** 09/07/2022  
**Organising entity:** Leipziger University  
**Type of entity:** University  
"Proceedings Book".

**22 Title of the work:** Invited Conference: Gynäkologische Chirurgie Scheiden und Orovagina Chirurgie  
**Name of the conference:** 11th Leipziger Veterinary Congress (Tierärztekongress)  
**Corresponding author:** Yes  
**City of event:** Leipzig, Germany  
**Date of event:** 07/07/2022  
**End date:** 09/07/2022  
**Organising entity:** Leipziger University  
**Type of entity:** University  
"Proceedings Book".

**23 Title of the work:** Invited Conference: Welchen Einfluss hat Stress auf die Fruchtbarkeitsleistung von Fleischrindern?  
**Name of the conference:** 11th Leipziger Veterinary Congress (Tierärztekongress)  
**Corresponding author:** Yes  
**City of event:** Leipzig, Germany  
**Date of event:** 07/07/2022  
**End date:** 09/07/2022  
**Organising entity:** Leipziger University  
**Type of entity:** University  
"Proceedings Book".

**24 Title of the work:** Effect of freezing protocol on post-thaw classical semen parameters in wagyu bulls. Poster.  
**Name of the conference:** 19th ICAR International Congress on Animal Reproduction  
**Corresponding author:** No  
**City of event:** Bologna, Italy  
**Date of event:** 26/06/2022  
**End date:** 30/06/2022  
**Organising entity:** ICAR

Eduardo de Mercado; Vázquez-Mosquera JM; Pesántez-Pacheco JL; Fernández-Novo A; Fernández-Vega A; Pérez-Solana ML; Villagrà A; Martínez D; Gardón JC; Sebastián F; Astiz S; Pérez-Garnelo SS. "ICAR2022 ProceedingsBook".

- 25** **Title of the work:** Efecto de la suplementación materna con hidroxitirosol y aceite de linaza sobre la microbiota de la progenie en porcino ibérico  
**Name of the conference:** XX Reunión Nacional de Mejora Genética Animal (2022).  
**Corresponding author:** No  
**City of event:** Madrid, Community of Madrid, Spain  
**Date of event:** 01/06/2022  
**End date:** 03/06/2022  
**Organising entity:** INIA-CSIC **Type of entity:** R&D Centre  
Heras-Molina A; Estellé J; Pesántez-Pacheco JL; García-Contreras C; Vázquez-Gómez M; López-García A; Astiz S; Isabel B; González-Bulnes A; Óvilo C.
- 26** **Title of the work:** Un bajo peso al nacimiento afecta al desarrollo postnatal en el cerdo ibérico.  
**Name of the conference:** XII Foro ANVEPI (Asociación Nacional de Veterinarios de Porcino Ibérico; 2022).  
**Corresponding author:** No  
**City of event:** Córdoba, Andalusia, Spain  
**Date of event:** 09/03/2022  
**End date:** 11/03/2022  
**Organising entity:** ANVEPI (Asociación Nacional de Veterinarios de Porcino Ibérico) **Type of entity:** Associations and Groups  
Vázquez-Gómez M; García-Contreras C; Heras-Molina A; Astiz S; Óvilo C; González-Bulnes A; Isabel B.
- 27** **Title of the work:** Crecimiento y características metabólicas diferenciadas de bovinos de razas con alto engrasamiento en un sistema de producción español  
**Name of the conference:** AIDA (2021), XIX Jornadas sobre Producción Animal. On-line  
**Type of event:** Workshop  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes  
**City of event:** Zaragoza; On-line,  
**Date of event:** 01/06/2021  
**End date:** 03/06/2021  
**Organising entity:** AIDA-ITEA **Type of entity:** Associations and Groups  
**City organizing entity:** Zaragoza,  
**Publication in conference proceedings:** Yes  
Eduardo de Mercado; Juan ázquez Mosquera; Aitor Fernandez Novo; Jose Luis Pesantez Pacheco; Daniel Martinez; Sonia Pérez Garnelo; Arantxa Villagrà; GJuan Carlos Gardón; Francisco Sebastián; Susana Astiz Blanco. "AIDA-ITEA (2021), XIX Jornadas sobre Producción Animal Libro de Congresos". pp. 10 - 10.
- 28** **Title of the work:** Efecto de la temperatura de transporte, tiempo transcurrido hasta la evaluación y diluyente empleado en la microbiología de eyaculados de toro obtenidos en condiciones de campo. Resultados preliminares  
**Name of the conference:** AIDA (2021), XIX Jornadas sobre Producción Animal. On-line  
**Type of event:** Workshop  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes  
**City of event:** Zaragoza; On-line,  
**Date of event:** 01/06/2021  
**End date:** 03/06/2021  
**Organising entity:** AIDA-ITEA **Type of entity:** Associations and Groups

**City organizing entity:** Zaragoza,

**Publication in conference proceedings:** Yes

1; Aitor Fernandez Novo; Sergio Santos Lopez; Carmen Barraón Masa; Patricia Mozas; Amanda Fernández Vega; Eduardo de Mercado; Elisa Cáceres Martín; María Gómez; Aizic Garrafa Barrios; Juan Vicente González Martín; Agustín Oliet; Susana Astiz Blanco; Sonia Pérez Garnelo. "AIDA-ITEA (2021), XIX Jornadas sobre Producción Animal Libro de Congresos". pp. 21 - 21.

- 29 Title of the work:** Efecto de la temperatura de transporte, tiempo transcurrido hasta la evaluación y diluyente empleado en los parámetros seminales clásicos de eyaculados de toro obtenidos en condiciones de campo

**Name of the conference:** AIDA (2021), XIX Jornadas sobre Producción Animal. On-line

**Type of event:** Workshop

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

**Corresponding author:** Yes

**City of event:** Zaragoza; On-line,

**Date of event:** 01/06/2021

**End date:** 03/06/2021

**Organising entity:** AIDA-ITEA

**Type of entity:** Associations and Groups

**City organizing entity:** Zaragoza,

**Publication in conference proceedings:** Yes

Aitor Fernandez Novo; Sergio Santos Lopez; Carmen Barraón Masa; Patricia Mozas; Amanda Fernández Vega; Eduardo de Mercado; Elisa Cáceres Martín; María Gómez; Aizic Garrafa Barrios; Juan Vicente González Martín; Agustín Oliet; Susana Astiz Blanco; Sonia Pérez Garnelo. "AIDA-ITEA (2021), XIX Jornadas sobre Producción Animal Libro de Congresos". pp. 21 - 21.

- 30 Title of the work:** Efecto del diluyente, condiciones de conservación de los eyaculados y metodología de análisis empleada, sobre la cinética espermática determinada mediante casa, en toros pura raza wagyu

**Name of the conference:** AIDA (2021), XIX Jornadas sobre Producción Animal. On-line

**Type of event:** Workshop

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

**Corresponding author:** Yes

**City of event:** Zaragoza; On-line,

**Date of event:** 01/06/2021

**End date:** 03/06/2021

**Organising entity:** AIDA-ITEA

**Type of entity:** Associations and Groups

**City organizing entity:** Zaragoza,

**Publication in conference proceedings:** Yes

Sonia Pérez Garnelo; Juan ázquez Mosquera; Aizic Garrafa Barrios; Amanda Fernández Vega; Aitor Fernandez Novo; Eduardo de Mercado; Elisa Cáceres Martín; Ana Heras Molina; Jose Luis Pesantez Pacheco; Arantxa Villagrà; GJuan Carlos Gardón; Francisco Sebastián; Susana Astiz Blanco. "AIDA-ITEA (2021), XIX Jornadas sobre Producción Animal Libro de Congresos". pp. 21 - 21.

- 31 Title of the work:** Efecto del número de tomas y el gluconato cálcico en el comportamiento de terneras de recría. resultados preliminares

**Name of the conference:** AIDA (2021), XIX Jornadas sobre Producción Animal. On-line

**Type of event:** Workshop

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

**Corresponding author:** Yes

**City of event:** Zaragoza; On-line,

**Date of event:** 01/06/2021

**End date:** 03/06/2021

**Organising entity:** AIDA-ITEA

**Type of entity:** Associations and Groups

**City organizing entity:** Zaragoza,

**Publication in conference proceedings:** Yes

Patricia Carulla; Adrián Ramón Moragues; A Pérez; Francisco Sebastián; Susana Astiz Blanco; Fernando Estellés; Arantxa Villagrà. "AIDA-ITEA (2021), XIX Jornadas sobre Producción Animal Libro de Congresos". pp. 9 - 9.

- 32 Title of the work:** Fases finales del crecimiento y características metabólicas en bovinos de raza wagyu y cruzados con angus (wangus) en un sistema de producción español

**Name of the conference:** AIDA (2021), XIX Jornadas sobre Producción Animal. On-line

**Type of event:** Workshop

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

**Corresponding author:** Yes

**City of event:** Zaragoza; On-line,

**Date of event:** 01/06/2021

**End date:** 03/06/2021

**Organising entity:** AIDA-ITEA

**Type of entity:** Associations and Groups

**City organizing entity:** Zaragoza,

**Publication in conference proceedings:** Yes

Eduardo de Mercado; Juan ázquez Mosquera; Aitor Fernandez Novo; Jose Luis Pesantez Pacheco; Daniel Martinez; Sonia Pérez Garnelo; Arantxa Villagrà; GJuan Carlos Gardón; Francisco Sebastián; Susana Astiz Blanco. "AIDA-ITEA (2021), XIX Jornadas sobre Producción Animal Libro de Congresos". pp. 10 - 10.

- 33 Title of the work:** La guía vart, una propuesta para estandarizar en España la valoración de la aptitud reproductiva de toros de monta natural

**Name of the conference:** AIDA (2021), XIX Jornadas sobre Producción Animal. On-line

**Type of event:** Workshop

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

**Corresponding author:** Yes

**City of event:** Zaragoza; On-line,

**Date of event:** 01/06/2021

**End date:** 03/06/2021

**Organising entity:** AIDA-ITEA

**Type of entity:** Associations and Groups

**City organizing entity:** Zaragoza,

**Publication in conference proceedings:** Yes

Jose Antonio García Paloma; Esther Collantes Fernández; Giovanni Gnemmi; Susana Astiz Blanco; Sonia Pérez Garnelo. "AIDA-ITEA (2021), XIX Jornadas sobre Producción Animal Libro de Congresos". pp. 14 - 14.

- 34 Title of the work:** Relación entre los parámetros metabólicos y la eficiencia en la producción de embriones de novillas de pura raza wagyu en un sistema de producción español

**Name of the conference:** AIDA (2021), XIX Jornadas sobre Producción Animal. On-line

**Type of event:** Workshop

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

**Corresponding author:** Yes

**City of event:** Zaragoza; On-line,

**Date of event:** 01/06/2021

**End date:** 03/06/2021

**Organising entity:** AIDA-ITEA

**Type of entity:** Associations and Groups

**City organizing entity:** Zaragoza,

**Publication in conference proceedings:** Yes

Daniel Martinez; Juan ázquez Mosquera; Mariano Bonet Bo; Aitor Fernandez Novo; Eduardo de Mercado; Ana Heras Molina; Jose Luis Pesantez Pacheco; Sonia Pérez Garnelo; Arantxa Villagrà; GJuan Carlos



Gardón; Francisco Sebastián; Susana Astiz Blanco. "AIDA-ITEA (2021), XIX Jornadas sobre Producción Animal Libro de Congresos". pp. 9 - 9.

- 35** **Title of the work:** Respuesta ovárica al 5d cosynch vs. 5d cosynch retrasando 24h la retirada del prid-delta® en novillas de leche  
**Name of the conference:** AIDA (2021), XIX Jornadas sobre Producción Animal. On-line  
**Type of event:** Workshop  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes  
**City of event:** Zaragoza; On-line,  
**Date of event:** 01/06/2021  
**End date:** 03/06/2021  
**Organising entity:** AIDA-ITEA **Type of entity:** Associations and Groups  
**City organizing entity:** Zaragoza,  
**Publication in conference proceedings:** Yes  
Aitor Fernandez Novo; Sergio Santos Lopez; Jose Luis Pesantez Pacheco; Ana Heras Molina; A Jimenez; María Luz Perez Solana; Juan Vicente González Martín; Susana Astiz Blanco. "AIDA-ITEA (2021), XIX Jornadas sobre Producción Animal Libro de Congresos". pp. 21 - 21.
- 36** **Title of the work:** Tasas de sincronización ovárica y de concepción a primera inseminación con los protocolos 5d-cosynch con y sin implante intravaginal de progesterona, en novillas frisonas  
**Name of the conference:** AIDA (2021), XIX Jornadas sobre Producción Animal. On-line  
**Type of event:** Workshop  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes  
**City of event:** Zaragoza; On-line,  
**Date of event:** 01/06/2021  
**End date:** 03/06/2021  
**Organising entity:** AIDA-ITEA **Type of entity:** Associations and Groups  
**City organizing entity:** Zaragoza,  
**Publication in conference proceedings:** Yes  
Pau Pallares; Aitor Fernandez Novo; Javier Heras; Jose Luis Pesantez Pacheco; Ana Heras Molina; Susana Astiz Blanco. "AIDA-ITEA (2021), XIX Jornadas sobre Producción Animal Libro de Congresos". pp. 18 - 18.
- 37** **Title of the work:** Bull ejaculates got on the field: effect of time lapse, storing temperature and extender used on pH  
**Name of the conference:** 71st Annual Meeting of the European Federation of Animal Science (EAAP)  
**Corresponding author:** Yes  
**City of event:** On-line,  
**Date of event:** 02/12/2020  
**End date:** 04/12/2020  
**Organising entity:** EAAP  
Aitor Fernandez Novo; Sergio Santos Lopez; C Barrajon Maza; P Mozas; Elisa Caceres; María Gomez; Aizic Garrafa; Juan Vicente Gonzalez Martín; Agustín Oliet; Susana Astiz; Sonia Pérez Garnelo. "Libro ponencias. Book of abstracts".
- 38** **Title of the work:** Bull ejaculates got on the field: storing temperature and extender vs. raw semen on semen quality  
**Name of the conference:** 71st Annual Meeting of the European Federation of Animal Science (EAAP)  
**Corresponding author:** Yes  
**City of event:** On-line,  
**Date of event:** 02/12/2020



**End date:** 04/12/2020

**Organising entity:** EAAP

Aitor Fernandez Novo; Sergio Santos Lopez; C Barrajon Maza; P Mozas; Elisa Caceres; María Gomez; Aizic Garrafa; Juan Vicente Gonzalez Martín; Agustín Oliet; Susana Astiz; Sonia Pérez Garnelo. "Libro ponencias. Book of abstracts".

**39 Title of the work:** Difference in beef features between pure and crossbred Wagyu bulls under Spanish production systems

**Name of the conference:** 71st Annual Meeting of the European Federation of Animal Science (EAAP)

**Corresponding author:** Yes

**City of event:** On-line,

**Date of event:** 02/12/2020

**End date:** 04/12/2020

**Organising entity:** EAAP

Marta Vazquez Gomez; Juan M Vazquez Mosquera; Consolación García Contreras; Sonia Pérez Garnelo; Arantxa Villagrà; Juan Carlos Gardon; Daniel Martinez; Francisco Sebastian; Susana Astiz. "Libro ponencias. Book of abstracts".

**40 Title of the work:** Essential aminoacids in beef from Wagyu, Wangus and European bulls under Spanish production systems

**Name of the conference:** 71st Annual Meeting of the European Federation of Animal Science (EAAP)

**Corresponding author:** Yes

**City of event:** On-line,

**Date of event:** 02/12/2020

**End date:** 04/12/2020

**Organising entity:** EAAP

Juan Carlos Gardon; Juan M Vazquez Mosquera; C Sanchez Romero; J Fayos; Marta Vazquez Gomez; Sonia Pérez Garnelo; Arantxa Villagrà; Daniel Martinez; Francisco Sebastian; Susana Astiz. "Libro ponencias. Book of abstracts".

**41 Title of the work:** Reproductive and economic results after 5dCosynch with or without P4-device in Holstein heifers

**Name of the conference:** 71st Annual Meeting of the European Federation of Animal Science (EAAP)

**Corresponding author:** Yes

**City of event:** On-line,

**Date of event:** 02/12/2020

**End date:** 04/12/2020

**Organising entity:** EAAP

Pau Pallarès; Javier Heras; Jose Luis Pesantez Pacheco; Susana Astiz. "Libro ponencias. Book of abstracts".

**42 Title of the work:** The European College of Bovine Herd Health Medicine (ECBHM): an opportunity for buiatritians

**Name of the conference:** XIX Middle European Buiatrics Congress

**Corresponding author:** Yes

**City of event:** Lviv, Ukraine

**Date of event:** 22/06/2020

**End date:** 25/06/2019

**Organising entity:** Ucranian Buiatrics Association

**City organizing entity:** Madrid, Spain

Susana Astiz. "The European College of Bovine Herd Health Medicine (ECBHM): an opportunity for buiatritians".



- 43** **Title of the work:** ¡Esto es la leche!  
**Name of the conference:** Congreso Actualización Pediátrica  
**Corresponding author:** Yes  
**City of event:** Madrid, Spain  
**Date of event:** 15/02/2020  
**End date:** 15/02/2020  
**Organising entity:** AMPap - Asociación Madrileña de Pediatría de Atención Primaria  
**City organizing entity:** Madrid, Spain  
Susana Astiz. "Esto es la leche".
- 44** **Title of the work:** Changes in tissue fatty acid composition during postnatal development in Iberian pigs.  
**Name of the conference:** X International Symposium on the Mediterranean Pig  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Florencia, Italy  
**Date of event:** 16/10/2019  
**End date:** 19/10/2019  
**Organising entity:** X-PIGMED  
**With external admission assessment committee:** Yes  
**Type of contribution:** Scientific paper  
Marta Vázquez Gómez; Consolación García Contreras; Laura Torres Rovira; Jose Luis Pesantez Pacheco; María Victoria Sanz Fernandez; Ana Heras Molina; Susana Astiz Blanco; Cristina Ovilo; Antonio González De Bulnes López; Beatriz Isabel. "Changes in tissue fatty acid composition during postnatal development in Iberian pigs."
- 45** **Title of the work:** Effect of maternal antioxidant and omega-3 supplementation on the subcutaneous fatty acid profile of the swine offspring.  
**Name of the conference:** X International Symposium on the Mediterranean Pig  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Florencia, Italy  
**Date of event:** 16/10/2019  
**End date:** 19/10/2019  
**Organising entity:** X-PIGMED  
**With external admission assessment committee:** Yes  
**Type of contribution:** Scientific paper  
Ana Heras Molina; Marta Vázquez Gómez; Consolación García Contreras; María Victoria Sanz Fernandez; Laura Torres Rovira; Jose Luis Pesantez Pacheco; Susana Astiz Blanco; Cristina Ovilo; Antonio González De Bulnes López; Beatriz Isabel. "Effect of maternal antioxidant and omega-3 supplementation on the subcutaneous fatty acid profile of the swine offspring."
- 46** **Title of the work:** Effects of Maternal Hydroxytyrosol Supplementation on Fatty Acids Composition of Iberian Swine Fetuses.  
**Name of the conference:** X International Symposium on the Mediterranean Pig  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Florencia, Italy  
**Date of event:** 16/10/2019  
**End date:** 19/10/2019  
**Organising entity:** X-PIGMED  
**With external admission assessment committee:** Yes

**Type of contribution:** Scientific paper

Consolación García Contreras; Marta Vázquez Gómez; Ana Heras Molina; Jose Luis Pesantez Pacheco; Teresa Encinas; Susana Astiz Blanco; Laura Torres Rovira; Beatriz Isabel; Cristina Ovilo; Antonio González De Bulnes López. "Effects of Maternal Hydroxytyrosol Supplementation on Fatty Acids Composition of Iberian Swine Fetuses".

- 47** **Title of the work:** The Relative Roles of Birth-Weight and Postnatal Diet on Patterns of Growth and Fattening in Iberian Pigs.

**Name of the conference:** X International Symposium on the Mediterranean Pig

**Type of event:** Conference

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

**City of event:** Florencia, Italy

**Date of event:** 16/10/2019

**End date:** 19/10/2019

**Organising entity:** X-PIGMED

**With external admission assessment committee:** Yes

**Type of contribution:** Scientific paper

Antonio González De Bulnes López; Susana Astiz Blanco; María Victoria Sanz Fernandez; Consolación García Contreras; Ana Heras Molina; Jose Luis Pesantez Pacheco; Marta Vázquez Gómez. "The Relative Roles of Birth-Weight and Postnatal Diet on Patterns of Growth and Fattening in Iberian Pigs."

- 48** **Title of the work:** La incorporación de meloxicam al tratamiento de las mamitis bovinas mejora su eficiencia reproductiva.

**Name of the conference:** FeMesPrum, León.

**Type of event:** Conference

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

**City of event:** León, Castile and León, Spain

**Date of event:** 26/08/2019

**End date:** 28/08/2019

**Organising entity:** FeMesPrum

**With external admission assessment committee:** Yes

**Type of contribution:** Scientific paper

Scott McDougall; Elke Abbeloos; Sophie Piepers; Rao AS; Susana Astiz Blanco; Tine van Werven; Statham J; Natividad Pérez Villalobos.

- 49** **Title of the work:** Competencias de investigación en el Grado de Veterinaria de la Universidad Complutense.

**Name of the conference:** V Congreso de Docencia Veterinaria

**Type of event:** Conference

**Type of participation:** Participatory - poster

**City of event:** Madrid, Community of Madrid, Spain

**Date of event:** 08/07/2019

**End date:** 09/07/2019

**Organising entity:** VETDOC

Ana Heras Molina; Beatriz Isabel; Antonio González De Bulnes López; Cristina Ovilo; Susana Astiz Blanco; Ros JM; Teresa Encinas. "Competencias de investigación en el Grado de Veterinaria de la Universidad Complutense."

- 50** **Title of the work:** Morphomics and liver RNA-seq analysis of genotype effects in prenatal fatty pigs.

**Name of the conference:** 37th International Society for Animal Genetics Conference

**Type of event:** Conference

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



**City of event:** Lerida, Catalonia, Spain

**Date of event:** 07/07/2019

**End date:** 12/07/2019

**Organising entity:** ISAG

**With external admission assessment committee:** Yes

**Type of contribution:** Scientific paper

Consolación García Contreras; Marta Vázquez Gómez; Madsen O; Groenen MAM; Susana Astiz Blanco; Yolanda Nuñez; Rita Benítez; Ana Heras Molina; Fernandez A; Beatriz Isabel; Ana Rey; Antonio González De Bulnes López; Cristina Ovilo. "Morphomics and liver RNA-seq analysis of genotype effects in prenatal fatty pigs."

- 51 Title of the work:** Piglet genotype, hypothalamic transcriptome and the relationship with growth and viability traits.

**Name of the conference:** 37th International Society for Animal Genetics Conference

**Type of event:** Conference

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

**City of event:** Lerida, Catalonia, Spain

**Date of event:** 07/07/2019

**End date:** 12/07/2019

**Organising entity:** ISAG

**With external admission assessment committee:** Yes

**Type of contribution:** Scientific paper

Ana Heras Molina; Consolación García Contreras; Marta Vázquez Gómez; Rita Benítez; Yolanda Nuñez; Jaime Ballesteros; Jose Luis Pesantez Pacheco; María Victoria Sanz Fernandez; Susana Astiz Blanco; Beatriz Isabel; Antonio González De Bulnes López; Cristina Ovilo.

- 52 Title of the work:** "The European College of Bovine Herd Health Medicine (ECBHM): an opportunity for buiatritians".

**Name of the conference:** XIX Middle European Buiatrics Congress

**Type of event:** Conference

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

**Corresponding author:** Yes

**City of event:** Lviv, Ukraine

**Date of event:** 22/06/2019

**End date:** 25/06/2019

**With external admission assessment committee:** Yes

Susana Astiz Blanco.

- 53 Title of the work:** . Congelación de semen obtenido mediante electroeyaculación en toros Wagyu y Angus, con el empleo de dos diluyentes comerciales. Resultados preliminares.

**Name of the conference:** XXIV Congreso Internacional de Medicina Bovina (A.N.E.M.B.E.)

**Type of event:** Conference

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

**City of event:** Sevilla, Andalusia, Spain

**Date of event:** 22/05/2019

**End date:** 24/05/2019

**Organising entity:** ANEMBE

**Publication in conference proceedings:** Yes

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

**Type of contribution:** Scientific paper

Sonia Salomé Pérez Garnelo; Vázquez J; Jose Luis Pesantez Pacheco; Ana Heras Molina; Villagrà A; Gardón JC; Francisco Sebastián; Martínez D; Juan Vicente González Martín; Susana Astiz Blanco. "

Congelación de semen obtenido mediante electroeyaculación en toros Wagyu y Angus, con el empleo de dos diluyentes comerciales. Resultados preliminares.". (Spain):

**54 Title of the work:** Azoospermia transitoria en dos sementales de raza charolesa.

**Name of the conference:** XXIV Congreso Internacional de Medicina Bovina (A.N.E.M.B.E.)

**Type of event:** Conference

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

**City of event:** Sevilla, Andalusia, Spain

**Date of event:** 22/05/2019

**End date:** 24/05/2019

**Organising entity:** ANEMBE

**Publication in conference proceedings:** Yes

**Type of entity:** Associations and Groups

**With external admission assessment committee:**  
Yes

**Type of contribution:** Scientific paper

Fernández-Novo A; Sergio Santos López; Natividad Pérez Villalobos; Juan Vicente González Martín; Sonia Salomé Pérez Garnelo; Susana Astiz Blanco. "Azoospermia transitoria en dos sementales de raza charolesa.". (Spain):

**55 Title of the work:** Evaluación de oportunidades de mejora técnico-económicas en explotaciones lecheras utilizando un modelo de simulación.

**Name of the conference:** XXIV Congreso Internacional de Medicina Bovina (A.N.E.M.B.E.)

**Type of event:** Conference

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

**City of event:** Sevilla, Andalusia, Spain

**Date of event:** 22/05/2019

**End date:** 24/05/2019

**Organising entity:** ANEMBE

**Publication in conference proceedings:** Yes

**Type of entity:** Associations and Groups

**With external admission assessment committee:**  
Yes

**Type of contribution:** Scientific paper

López-Suárez M; Lorena Castillejos; Marquès C; Susana Astiz Blanco; Sergio Clasmiglia. "Evaluación de oportunidades de mejora técnico-económicas en explotaciones lecheras utilizando un modelo de simulación.". (Spain):

**56 Title of the work:** Evolución durante 10 años (2008-2017) de los parámetros reproductivos en granjas lecheras de alta producción tras la implementación sistemática de IATF a primera inseminación y del sistema de camas.

**Name of the conference:** XXIV Congreso Internacional de Medicina Bovina (A.N.E.M.B.E.)

**Type of event:** Conference

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

**City of event:** Sevilla, Andalusia, Spain

**Date of event:** 22/05/2019

**End date:** 24/05/2019

**Organising entity:** ANEMBE

**Publication in conference proceedings:** Yes

**Type of entity:** Associations and Groups

**With external admission assessment committee:**  
Yes

**Type of contribution:** Scientific paper

Pablo Feyjoo; Jose Luis Pesantez Pacheco; Jaime Vázquez; Ana Heras Molina; Elisa Cáceres; Raquel Patrón Collantes; Natividad Pérez Villalobos; Juan Vicente González Martín; Octavi Fargas; Susana Astiz Blanco. "Evolución durante 10 años (2008-2017) de los parámetros reproductivos en granjas lecheras de alta producción tras la implementación sistemática de IATF a primera inseminación y del sistema de camas.". (Spain):



- 57** **Title of the work:** Evolución durante 10 años (2008-2017) de los parámetros reproductivos en granjas lecheras de alta producción tras la implementación sistemática de IATF a primera inseminación y del sistema de camas.  
**Name of the conference:** XXIV Congreso Internacional de Medicina Bovina (A.N.E.M.B.E.)  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**City of event:** Sevilla, Andalusia, Spain  
**Date of event:** 22/05/2019  
**End date:** 24/05/2019  
**Organising entity:** ANEMBE  
**Publication in conference proceedings:** Yes  
**Type of entity:** Associations and Groups  
**With external admission assessment committee:** Yes  
**Type of contribution:** Scientific paper  
Pablo Feyjoo; Jose Luis Pesantez Pacheco; Jaime Vázquez; Ana Heras Molina; Elisa Cáceres; Raquel Patrón Collantes; Natividad Pérez Villalobos; Juan Vicente González Martín; Octavi Fargas; Susana Astiz Blanco. "Evolución durante 10 años (2008-2017) de los parámetros reproductivos en granjas lecheras de alta producción tras la implementación sistemática de IATF a primera inseminación y del sistema de camas.". (Spain):
- 58** **Title of the work:** Resultados del primer año del programa MOET aplicado a un rebaño español de vacas de raza Wagyu pura.  
**Name of the conference:** XXIV Congreso Internacional de Medicina Bovina (A.N.E.M.B.E.)  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Sevilla, Andalusia, Spain  
**Date of event:** 22/05/2019  
**End date:** 24/05/2019  
**Organising entity:** ANEMBE  
**Publication in conference proceedings:** Yes  
**Type of entity:** Associations and Groups  
**With external admission assessment committee:** Yes  
**Type of contribution:** Scientific paper  
Martínez D; Vázquez J; Bonet-Bo M; Villagrà A; Gardón JC; Jose Luis Pesantez Pacheco; Sonia Salomé Pérez Garnelo; Francisco Sebastián; Juan Vicente González Martín; Susana Astiz Blanco. "Resultados del primer año del programa MOET aplicado a un rebaño español de vacas de raza Wagyu pura.". (Spain):
- 59** **Title of the work:** Efecto de factores maternos (edad y metabolismo) y número y peso de los corderos sobre el nivel de producción lechera subsiguiente.  
**Name of the conference:** XVIII Jornadas Sobre Producción Animal.  
**Type of event:** Workshop  
**Type of participation:** 'Participatory - poster  
**City of event:** Zaragoza, Aragon, Spain  
**Date of event:** 07/05/2019  
**End date:** 08/05/2019  
**Organising entity:** ASOCIACION INTERPROFESIONAL PARA EL DESARROLLO AGRARIO  
**With external admission assessment committee:** Yes  
Jose Luis Pesantez Pacheco; Ana Heras Molina; Laura Torres Rovira; María Victoria Sanz Fernández; Consolación García Contreras; Marta Vázquez Gómez; Pablo Feyjoo; Elisa Cáceres; Mateos M; Hernández F; Vázquez Mosquera J; Paula Martínez Ros; Juan Vicente González Martín; Antonio González De Bulnes López; Susana Astiz Blanco. (Spain):
- 60** **Title of the work:** Efecto de una dieta rica en oleínas sobre el perfil graso de la leche de madres bovinas de razas cárnica y la influencia del número de partos y días en lactación.  
**Name of the conference:** XVIII Jornadas Sobre Producción Animal.



**Type of event:** Workshop

**Type of participation:** Participatory - poster

**City of event:** Zaragoza, Aragon, Spain

**Date of event:** 07/05/2019

**End date:** 08/05/2019

**Organising entity:** ASOCIACION INTERPROFESIONAL PARA EL DESARROLLO AGRARIO

**With external admission assessment committee:** Yes

Vázquez Mosquera J; Villagrà A; Juan Carlos Gardón; Jose Luis Pesantez Pacheco; Martínez D; Ana Heras Molina; Juan Vicente González Martín; Francisco Sebastián; Susana Astiz Blanco. (Spain):

**61 Title of the work:** Efecto del genotipo en la composición de ácidos grasos de la grasa visceral en porcino.

**Name of the conference:** XVIII Jornadas Sobre Producción Animal.

**Type of event:** Workshop

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

**City of event:** Zaragoza, Aragon, Spain

**Date of event:** 07/05/2019

**End date:** 08/05/2019

**Organising entity:** ASOCIACION INTERPROFESIONAL PARA EL DESARROLLO AGRARIO

**Type of contribution:** Scientific paper

Ana Heras Molina; Marta Vázquez Gómez; Consolación García Contreras; María Victora Sanz Fernández; Laura Torres Rovira; Segura-Plaza J; Jose Luis Pesantez Pacheco; Susana Astiz Blanco; Cristina Ovilo; Antonio González De Bulnes López; Beatriz Isabel. "Efecto del genotipo en la composición de ácidos grasos de la grasa visceral en porcino."

**62 Title of the work:** Efecto del genotipo sobre el transcriptoma hipotalámico y su posible relación con el crecimiento y la viabilidad en lechones.

**Name of the conference:** XVIII Jornadas Sobre Producción Animal.

**Type of event:** Workshop

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

**City of event:** Zaragoza, Aragon, Spain

**Date of event:** 07/05/2019

**End date:** 08/05/2019

**Organising entity:** ASOCIACION INTERPROFESIONAL PARA EL DESARROLLO AGRARIO

**Type of contribution:** Scientific paper

Ana Heras Molina; Consolación García Contreras; Marta Vázquez Gómez; Rita Benítez; Yolanda Nuñez; Jaime Ballesteros; Jose Luis Pesantez Pacheco; María Victora Sanz Fernández; Susana Astiz Blanco; Beatriz Isabel; Antonio González De Bulnes López; Cristina Ovilo. "Efecto del genotipo sobre el transcriptoma hipotalámico y su posible relación con el crecimiento y la viabilidad en lechones."

**63 Title of the work:** Evolución productiva de explotaciones lecheras a partir de la introducción de inseminación artificial a tiempo fijo en primera inseminación y del sistema de cama volteada.

**Name of the conference:** XVIII Jornadas Sobre Producción Animal.

**Type of event:** Workshop

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

**City of event:** Zaragoza, Aragon, Spain

**Date of event:** 07/05/2019

**End date:** 08/05/2019

**Organising entity:** ASOCIACION INTERPROFESIONAL PARA EL DESARROLLO AGRARIO

**With external admission assessment committee:** Yes

**Type of contribution:** Scientific paper

Pablo Feyjoo; Jose Luis Pesantez Pacheco; Jaime Vázquez; Ana Heras Molina; Raquel Patrón Collantes; Natividad Pérez Villalobos; Juan Vicente González Martín; Octavi Fargas; Susana Astiz Blanco. (Spain):



- 64** **Title of the work:** Factores maternos (nivel de producción) y el efecto sobre el peso al nacimiento de sus corderos en ovejas lecheras.  
**Name of the conference:** XVIII Jornadas Sobre Producción Animal.  
**Type of event:** Workshop  
**Type of participation:** Participatory - oral communication  
**City of event:** Zaragoza, Aragon, Spain  
**Date of event:** 07/05/2019  
**End date:** 08/05/2019  
**Organising entity:** ASOCIACION INTERPROFESIONAL PARA EL DESARROLLO AGRARIO  
**With external admission assessment committee:** Yes  
**Type of contribution:** Scientific paper  
Jose Luis Pesantez Pacheco; Ana Heras Molina; Laura Torres Rovira; María Victoria Sanz Fernández; Consolación García Contreras; Marta Vázquez Gómez; Pablo Feyjoo; Elisa Cáceres; Mateos M; Hernández; Vázquez Mosquera J; Paula Martínez Ros; Juan Vicente González Martín; Antonio González De Bulnes López; Susana Astiz Blanco. (Spain):
- 65** **Title of the work:** Association Study of Candidate and Major Genes for growth and fatness in crossbred Iberian Pigs.  
**Name of the conference:** Plant and Animal Genome XXVI Congress  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**City of event:** San Diego, United States of America  
**Date of event:** 13/01/2019  
**End date:** 17/01/2019  
**Organising entity:** PAG  
Consolación García Contreras; Miriam Ayuso Hernando; Fernández A; Marta Vázquez Gómez; Yolanda Nuñez; Rita Benítez; Garrayo J; Susana Astiz Blanco; Ana Rey; Antonio González De Bulnes López; Beatriz Isabel; Cristina Ovilo.
- 66** **Title of the work:** Comparison between two fixed-time AI programs: C-synch 5d and Co-synch 6d in Bos taurus beef heifers.  
**Name of the conference:** 50th National Congress of the Italian Association for Buiatrics  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**City of event:** Bologna, Italy  
**Date of event:** 10/10/2018  
**End date:** 13/10/2018  
**Organising entity:** SIB  
**Publication in conference proceedings:** Yes  
**Type of entity:** Associations and Groups  
**With external admission assessment committee:** Yes  
Fernández-Novo A; Sergio Santos López; Juan Vicente González Martín; Susana Astiz Blanco.
- 67** **Title of the work:** Effects of Maternal factors on the metabolic profile throughout pregnancy in dairy sheep.  
**Name of the conference:** 30th World Buiatrics Congress  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**City of event:** Sapporo, Japan  
**Date of event:** 28/08/2018  
**End date:** 01/09/2018  
**Organising entity:** WBC  
**With external admission assessment committee:** Yes



Jose Luis Pesantez Pacheco; Laura Torres Rovira; María Victoria Sanz Fernández; Ana Heras Molina; Nativdad Pérez Villalobos; Consolación García Contreras; Marta Vázquez Gómez; Hernández F; Juan Vicente González Martín; Antonio González De Bulnes López; Susana Astiz Blanco. (Spain):

**68 Title of the work:** Factors affecting pregnancy loss in dairy cows.

**Name of the conference:** 30th World Buiatrics Congress

**Type of event:** Conference

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

**City of event:** Sapporo, Japan

**Date of event:** 28/08/2018

**End date:** 01/09/2018

**Organising entity:** WBC

**With external admission assessment committee:** Yes

Susana Astiz Blanco; Octavi Fargas; Francisco Sebastián; Juan Manuel Loste; Raquel Patrón Collantes; Jose Luis Pesantez Pacheco; Nativdad Pérez Villalobos; Irene López Helguera; Juan Vicente González Martín.

**69 Title of the work:** Gestational toxemia in lactating sheep is associated with alterations in circulating inflammatory biomarkers.

**Name of the conference:** 30th World Buiatrics Congress

**Type of event:** Conference

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

**City of event:** Sapporo, Japan

**Date of event:** 28/08/2018

**End date:** 01/09/2018

**Organising entity:** WBC

**With external admission assessment committee:** Yes

María Victoria Sanz Fernández; Jose Luis Pesantez Pacheco; Laura Torres Rovira; Marta Vázquez Gómez; Consolación García Contreras; Ana Heras Molina; Nativdad Pérez Villalobos; Hernández F; Juan Vicente González Martín; Antonio González De Bulnes López; Susana Astiz Blanco. (Spain):

**70 Title of the work:** Observational study on a novel management system involving 10 lambings per year in one high-yield dairy ewe farm.

**Name of the conference:** 30th World Buiatrics Congress

**Type of event:** Conference

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

**City of event:** Sapporo, Japan

**Date of event:** 28/08/2018

**End date:** 01/09/2018

**Organising entity:** WBC

**With external admission assessment committee:** Yes

Jose Luis Pesantez Pacheco; Ana Heras Molina; Laura Torres Rovira; Hernández F; María Victoria Sanz Fernández; Nativdad Pérez Villalobos; Consolación García Contreras; Marta Vázquez Gómez; Paula Martínez Ros; Juan Vicente González Martín; Antonio González De Bulnes López; Susana Astiz Blanco. (Spain):

**71 Title of the work:** Effects of maternal factors during pregnancy on the birth weight of lambs in dairy sheep.

**Name of the conference:** 69th Annual Meeting of the European Federation of Animal Science

**Type of event:** Conference

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

**City of event:** Dubrovnik, Croatia

**Date of event:** 27/08/2018



**End date:** 31/08/2018

**Organising entity:** European Federation of Animal Science

**With external admission assessment committee:** Yes

Jose Luis Pesantez Pacheco; Laura Torres Rovira; María Victoria Sanz Fernández; Ana Heras Molina; Natividad Pérez Villalobos; Marta Vázquez Gómez; Consolación García Contreras; Pablo Feyjoo; Elisa Cáceres; Millán Frías Mateo; Mateos S; Fernandez F; Jorge González; Antonio González De Bulnes López; Susana Astiz Blanco. (Spain):

**72 Title of the work:** Polyphenols and IUGR pregnancies: maternal hydroxytyrosol supplementation and foetal development

**Name of the conference:** 69th Annual Meeting of the European Federation of Animal Science

**Type of event:** Conference

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

**City of event:** Dubrovnik, Croatia

**Date of event:** 27/08/2018

**End date:** 31/08/2018

**Organising entity:** European Federation of Animal Science

**With external admission assessment committee:** Yes

Consolación García Contreras; Marta Vázquez Gómez; Laura Torres Rovira; Jose Luis Pesantez Pacheco; Pedro González Añover; Susana Astiz Blanco; Beatriz Isabel; Cristina Ovilo; Antonio González De Bulnes López. (Spain):

**73 Title of the work:** Ten years evolution of dairy cattle herds: fertility, production and management.

**Name of the conference:** 69th Annual Meeting of the European Federation of Animal Science (EAAP).

**Type of event:** Conference

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

**City of event:** Dubrovnik, Croatia

**Date of event:** 27/08/2018

**End date:** 31/08/2018

**Organising entity:** EAAP

**Publication in conference proceedings:** Yes

**With external admission assessment committee:** Yes

Pablo Feyjoo; Jose Luis Pesantez Pacheco; Ana Heras Molina; María Victoria Sanz Fernández; Raquel Patrón Collantes; Natividad Pérez Villalobos; Mesías J; Marta Vázquez Gómez; Consolación García Contreras; Octavi Fargas; Susana Astiz Blanco. (Spain):

**74 Title of the work:** The effect of birth-weight on growth performance and meat quality in Iberian pigs.

**Name of the conference:** 69th Annual Meeting of the European Federation of Animal Science

**Type of event:** Conference

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

**City of event:** Dubrovnik, Croatia

**Date of event:** 27/08/2018

**End date:** 31/08/2018

**Organising entity:** European Federation of Animal Science

**With external admission assessment committee:** Yes

Marta Vázquez Gómez; Consolación García Contreras; Susana Astiz Blanco; Olivares A; Fernández-Moya E; Palomo A; Antonio González De Bulnes López; Cristina Ovilo; Beatriz Isabel. (Spain):

**75 Title of the work:** "Management Strategies to Enhance Production Efficiency in High Yielding Dairy Cows"

**Name of the conference:** Scientific Session; 2018 ACVIM (American College of Veterinary Internal Medicine) Forum.

**Type of event:** Foro



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

**Corresponding author:** Yes

**City of event:** Seattle, United States of America

**Date of event:** 13/06/2018

**End date:** 16/06/2018

**Organising entity:** American College of Veterinary Internal Medicine

**With external admission assessment committee:** Yes

Susana Astiz Blanco; Juan Vicente González Martín; Octavi Fargas; Francisco Sebastián; Antonio González De Bulnes López; Raquel Patrón Collantes; Jose Luis Pesantez Pacheco.

**76 Title of the work:** "Reproduction in High Yielding Dairy Farms: Learning From Their Own Data"

**Name of the conference:** Scientific Session; 2018 ACVIM (American College of Veterinary Internal Medicine) Forum.

**Type of event:** Foro

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

**Corresponding author:** Yes

**City of event:** Seattle, United States of America

**Date of event:** 13/06/2018

**End date:** 16/06/2018

**Organising entity:** American College of Veterinary Internal Medicine

**With external admission assessment committee:** Yes

Susana Astiz Blanco; Juan Vicente González Martín; Octavi Fargas; Francisco Sebastián; Javier Heras; Raquel Patrón Collantes; Jose Luis Pesantez Pacheco.

**77 Title of the work:** Influence of polyphenols (hydroxytyrosol) supplementation on oxidative and metabolic status of weaned piglets.

**Name of the conference:** 25th International Pig Veterinary Society Congress.

**Type of event:** Conference

**Date of event:** 11/06/2018

**End date:** 14/06/2018

**Organising entity:** IPVS

**Type of entity:** Associations and Groups

**City organizing entity:** Chongqing, China

Cañete J; Pedro González Añover; Laura Torres Rovira; Susana Astiz Blanco; Teresa Encinas; Antonio González De Bulnes López; Heike V.

**78 Title of the work:** Effects of low birth weight on the immune function of Iberian piglets.

**Name of the conference:** 4th Fatty Pig Science & Utilization International Conference.

**Type of event:** Conferencia internacional

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

**City of event:** Badajoz, Extremadura, Spain

**Date of event:** 23/11/2017

**End date:** 25/11/2017

María Victoria Sanz Fernández; Laura Torres Rovira; Jose Luis Pesantez Pacheco; Marta Vázquez Gómez; Consolación García Contreras; Fermin-Rodríguez ML; Susana Astiz Blanco; Antonio González De Bulnes López.

**79 Title of the work:** Effects of nutritional pregnancy management on carcass and meat features of the offspring: Implications for the production of dry-cured products.

**Name of the conference:** 4th Fatty Pig Science & Utilization International Conference.

**Type of event:** Conferencia internacional

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

**City of event:** Badajoz, Extremadura, Spain



**Date of event:** 23/11/2017

**End date:** 25/11/2017

Marta Vázquez Gómez; Consolación García Contreras; Laura Torres Rovira; Jose Luis Pesantez Pacheco; María Victoria Sanz Fernández; Susana Astiz Blanco; Cristina Ovilo; Antonio González De Bulnes López.

- 80 Title of the work:** Placental expression of genes involved in antioxidant homeostasis and vascularization in Iberian pigs.

**Name of the conference:** 4th Fatty Pig Science & Utilization International Conference.

**Type of event:** Conferencia internacional

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

**City of event:** Badajoz, Extremadura, Spain

**Date of event:** 23/11/2017

**End date:** 25/11/2017

Yolanda Nuñez; Miriam Ayuso; Consolación García Contreras; Jaime Ballesteros; Marta Vázquez Gómez; Laura Torres Rovira; Susana Astiz Blanco; Beatriz Isabel; Antonio González De Bulnes López; Cristina Ovilo.

- 81 Title of the work:** The Iberian Pig Fed with High Fat Diet: A Model of Obesity-Related Glomerulopathy and Diabetoid Changes.

**Name of the conference:** Renal Disease CME course of Diabetes In Obesity And Diabetes Advances In Pathogenesis And Therapeutics.

**Type of event:** Curso

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

**City of event:** Lisboa, Portugal

**Date of event:** 22/11/2017

**End date:** 25/11/2017

Rodríguez R; Consolación García Contreras; Marta Vázquez Gómez; Laura Torres Rovira; Jose Luis Pesantez Pacheco; María Victoria Sanz Fernández; Jorge González; Beatriz Isabel; Susana Astiz Blanco; Lim SL; Antonio González De Bulnes López; Esteban Porrini.

- 82 Title of the work:** Can we predict the social hierarchy of a group of giraffes (*Giraffa camelopardalis*) by observing the order of leaving the enclosure? A preliminary study.

**Name of the conference:** VIII Convegno Nazionale della Ricerca nei Parchi

**Type of event:** Conferencia Internacional

**City of event:** Bussolengo, Italy

**Date of event:** 28/09/2017

**End date:** 01/10/2017

Grasso Ch; Guillén-Salazar F; Orient-Pérez E; Paula Marínez Ros; Susana Astiz Blanco.

- 83 Title of the work:** Characterization of the Iberian pig as a model of obesity-induced changes in immune function.

**Name of the conference:** Sharing Advances on Large Animal Models. Final Conference.

**Type of event:** Conferencia Internacional

**City of event:** Halle, Germany

**Date of event:** 28/09/2017

**End date:** 29/09/2017

María Victoria Sanz Fernández; Laura Torres Rovira; Jose Luis Pesantez Pacheco; Marta Vázquez Gómez; Consolación García Contreras; Fermin-Rodríguez ML; Susana Astiz Blanco; Antonio González De Bulnes López.

- 84** **Title of the work:** Effect of Metformin therapy on body weight, subcutaneous fat deposition and plasma oxidative status in young Iberian pigs, a swine model of obesity.  
**Name of the conference:** Sharing Advances on Large Animal Models. Final Conference.  
**Type of event:** Conferencia Internacional  
**City of event:** Halle, Germany  
**Date of event:** 28/09/2017  
**End date:** 29/09/2017  
Laura Torres Rovira; Susana Astiz Blanco; Antonio González De Bulnes López; Isabel Astiz Blanco; María Luz Pérez Solana.
- 85** **Title of the work:** Influence of maternal metabolic status during mid and late pregnancy on the metabolic profile of the offspring in sheep.  
**Name of the conference:** Sharing Advances on Large Animal Models. Final Conference.  
**Type of event:** Conferencia Internacional  
**City of event:** Halle, Germany  
**Date of event:** 28/09/2017  
**End date:** 29/09/2017  
Jose Luis Pesantez Pacheco; Laura Torres Rovira; Fernando Hernández; Consolación García Contreras; Ana Heras Molina; Marta Vázquez Gómez; María Victoria Sanz Fernández; Juan Vicente González Martín; Antonio González De Bulnes López; Susana Astiz Blanco.
- 86** **Title of the work:** Implicaciones de la programación prenatal y la epigenética en la producción de pequeños rumiantes.  
**Type of event:** Conferencia Internacional  
**City of event:** Salamanca, Castile and León, Spain  
**Date of event:** 20/09/2017  
**End date:** 22/09/2017  
**Organising entity:** SEOC Sociedad Española de Ovino y Caprinotecnia.  
Antonio González De Bulnes López; Susana Astiz Blanco; Jose Luis Pesantez Pacheco; Laura Torres Rovira; María Victoria Sanz Fernández; Consolación García Contreras; Marta Vázquez Gómez.
- 87** **Title of the work:** Effect of fetal genotype and weight on muscle transcriptome in Iberian pigs.  
**Name of the conference:** 36th International Society for Animal Genetics Conference  
**Type of event:** Conferencia Internacional  
**City of event:** Dublin, United Kingdom  
**Date of event:** 16/07/2017  
**End date:** 21/07/2017  
**Organising entity:** ISAG  
Consolación García Contreras; Madsen O; Marta Vázquez Gómez; Groenen M; Susana Astiz Blanco; Rita Benítez; Yolanda Nuñez; Ana Rey; Beatriz Isabel; Antonio González De Bulnes López; Cristina Ovilo.
- 88** **Title of the work:** Polyphenol supplementation during pregnancy improves prenatal and earlypostnatal growth and metabolism of the offspring.  
**Name of the conference:** Polyphenols 2017 World Congress  
**Type of event:** Conference  
**City of event:** Viena, Austria  
**Date of event:** 20/06/2017  
**End date:** 21/06/2017  
Marta Vázquez Gómez; Consolación García Contreras; Laura Torres Rovira; Jose Luis Pesantez Pacheco; Pedro González Añover; Ernesto Gómez Fidalgo; Raúl Sánchez Sánchez; Cristina Ovilo; Beatriz Isabel; Susana Astiz Blanco; Antonio González De Bulnes López.



- 89** **Title of the work:** Comparación de dos sistemas de manejo productivo sobre la eficiencia productiva en ovejas Lacaune lecheras.  
**Name of the conference:** XVII Jornadas sobre Producción Animal  
**Type of event:** Workshop  
**City of event:** Zaragoza, Aragon, Spain  
**Date of event:** 30/05/2017  
**End date:** 31/05/2017  
**Organising entity:** ASOCIACION INTERPROFESIONAL PARA EL DESARROLLO AGRARIO  
**With external admission assessment committee:** Yes  
Jose Luis Pesantez Pacheco; Laura Torres Rovira; Fernando Hernandez; Juan Vicente González Martín; Antonio González De Bulnes López; Susana Astiz Blanco. (Spain):
- 90** **Title of the work:** Efecto de la restricción de crecimiento intrauterino y el sexo en el desarrollo postnatal en el cerdo ibérico.  
**Name of the conference:** XVII Jornadas sobre Producción Animal  
**Type of event:** Workshop  
**City of event:** Zaragoza, Aragon, Spain  
**Date of event:** 30/05/2017  
**End date:** 31/05/2017  
**Organising entity:** ASOCIACION INTERPROFESIONAL PARA EL DESARROLLO AGRARIO  
**With external admission assessment committee:** Yes  
Marta Vázquez Gómez; Consolación García Contreras; Segura S; Miriam Ayuso Hernando; Fernández-Moya E; Susana Astiz Blanco; Antonio González De Bulnes López; Cristina Ovilo; Beatriz Isabel. (Spain):
- 91** **Title of the work:** Efecto del genotipo y el peso fetal sobre el transcriptoma muscular del cerdo ibérico.  
**Name of the conference:** XVII Jornadas sobre Producción Animal  
**Type of event:** Workshop  
**City of event:** Zaragoza, Aragon, Spain  
**Date of event:** 30/05/2017  
**End date:** 31/05/2017  
**Organising entity:** ASOCIACION INTERPROFESIONAL PARA EL DESARROLLO AGRARIO  
Consolación García Contreras; Marta Vázquez Gómez; Susana Astiz Blanco; Ana Rey; Rita Benítez; Yolanda Nuñez; Beatriz Isabel; Antonio González De Bulnes López; Cristina Ovilo.
- 92** **Title of the work:** Revisión Mastitis-Fertilidad.  
**Name of the conference:** RELIM. Universidad de Montevideo.  
**Type of event:** Conference  
**Corresponding author:** Yes  
**City of event:** Montevideo, Uruguay  
**Date of event:** 30/11/2016  
**End date:** 30/11/2016  
**Organising entity:** Universidad de Montevideo **Type of entity:** University  
**With external admission assessment committee:** Yes  
Susana Astiz Blanco.
- 93** **Title of the work:** Reproductive questions in dairy cattle: our experience in Spain.  
**Name of the conference:** Reunión Asesoramiento Veterinarios Bursa.  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes



**City of event:** Burdur Konya. Estambul, Turkey

**Date of event:** 03/10/2016

**End date:** 08/10/2016

**Organising entity:** MSD Animal Health. Bursa

Susana Astiz Blanco.

- 94** **Title of the work:** Adipose tissue pathways in obesity: Iberian pig as large animal model of metabolic disorders.  
**Name of the conference:** 15th Human Proteome Organization World Congress  
**Type of event:** Conference  
**City of event:** Taipei, Taiwan  
**Date of event:** 18/09/2016  
**End date:** 21/09/2016  
**Organising entity:** HUPO  
Cristina Piras; Alessio Soggiu; Isabella Alloggio; Viviana Greco; Consolación García Contreras; Marta Vázquez Gómez; Susana Astiz Blanco; Antonio González De Bulnes López; Luigi Bonizzi; Andrea Urbani; Paoula Roncal.
- 95** **Title of the work:** Reproductive efficiency at a commercial farm comparing AI versus ET at first inseminations.  
**Name of the conference:** 32th meeting European Embryo Transfer Association  
**Type of event:** Conference  
**City of event:** Barcelona, Catalonia, Spain  
**Date of event:** 09/09/2016  
**End date:** 10/09/2016  
**Organising entity:** European Embryo Transfer Association  
**With external admission assessment committee:** Yes  
**Type of contribution:** Scientific paper  
Daniel Martínez; Francisco Sebastián; Javier Sabín; Miguel Fernandez; Raquel Patrón; Irene López Helguera; Jose Luis Pesantez Pacheco; Octavi Fargas; Susana Astiz Blanco.
- 96** **Title of the work:** Effect of sex and age on fatty acids composition in Iberian swine fetuses exposed to maternal malnutrition.  
**Name of the conference:** 9th International Symposium on the Mediterranean Pig.  
**Type of event:** Conference  
**City of event:** Portalegre, Portugal  
**Date of event:** 03/09/2016  
**End date:** 05/09/2016  
Consolación García Contreras; Marta Vázquez Gómez; Susana Astiz Blanco; Laura Torres Rovira; Beatriz Isabel; Cristina Ovilo; Antonio González De Bulnes López.
- 97** **Title of the work:** The effect of birth-weight segregation during the growing period on swine productive features.  
**Name of the conference:** 67th Annual Meeting of the European Federation of Animal Science  
**Type of event:** Conference  
**City of event:** Belfast, United Kingdom  
**Date of event:** 29/08/2016  
**End date:** 02/09/2016  
**Organising entity:** EAAP  
**With external admission assessment committee:** Yes  
Marta Vázquez Gómez; Consolación García Contreras; Susana Astiz Blanco; Antonio González De Bulnes López; Cristina Ovilo; Beatriz Isabel.

- 98** **Title of the work:** A dairy farm simulation model as a tool to explore the technical and economical consequences of management decisions.  
**Name of the conference:** XXVIII World Buiatrics Congress  
**Type of event:** Conference  
**City of event:** Dublin, Ireland  
**Date of event:** 03/07/2016  
**End date:** 08/07/2016  
**Organising entity:** WBC  
Sergio Calsamiglia; Lorena Castillejos; Susana Astiz Blanco; Carlos Lopez DeToro; Joaquim Baucells.
- 99** **Title of the work:** Effect of postpartum eCG administration in dairy cows calved during the hot season on subsequent fertility after first timed artificial insemination.  
**Name of the conference:** XXVIII World Buiatrics Congress  
**Type of event:** Conference  
**City of event:** Dublin, Ireland  
**Date of event:** 03/07/2016  
**End date:** 08/07/2016  
**Organising entity:** WBC  
**With external admission assessment committee:** Yes  
Raquel Patrón Collantes; Irene Lopez Helguera; Francisco Sebastián; Octavi Fargas; Miguel Fernandez; Susana Astiz Blanco.
- 100** **Title of the work:** Estimation of the influence of risk factors affecting ovine colostrum quality of high producing dairy Lacaune ewes.  
**Name of the conference:** XXVIII World Buiatrics Congress  
**Type of event:** Conference  
**City of event:** Dublin, Ireland  
**Date of event:** 03/07/2016  
**End date:** 08/07/2016  
**Organising entity:** WBC  
**With external admission assessment committee:** Yes  
Fernando Hernandez; Laura Torres Rovira; Juan Vicente González Martín; Antonio Gonzalez De Bulnes López; Susana Astiz Blanco.
- 101** **Title of the work:** Fertility after different resynchronization protocols with timed AI in 32 commercial dairy farms.  
**Name of the conference:** XXVIII World Buiatrics Congress  
**Type of event:** Conference  
**City of event:** Dublin, Ireland  
**Date of event:** 03/07/2016  
**End date:** 08/07/2016  
**Organising entity:** WBC  
**With external admission assessment committee:** Yes  
Raquel Patrón Collantes; Irene Lopez Helguera; Javier Heras; Octavi Fargas; Susana Astiz Blanco.
- 102** **Title of the work:** application of thoracoscopic lung biopsy in bovine respiratory disease.  
**Name of the conference:** XXVIII World Buiatrics Congress  
**Type of event:** Conference  
**City of event:** Dublin, Ireland  
**Date of event:** 03/07/2016



**End date:** 08/07/2016

**Organising entity:** WBC

**With external admission assessment committee:** Yes

Natividad Pérez Villalobos; Iñaki Espinosa; Gorka Aduris; Juan Carlos Ibabe; Nekane Cortabarria; Jorge Gonzalez; Juan Vicente Gonzalez Martin; Antonio Gonzalez De Bulnes López; Susana Astiz Blanco.

**103 Title of the work:** Changes in brain levels of catecholamines and indoleamines during pregnancy in a swine model of fetal growth retardation.

**Name of the conference:** 18th International Congress on Animal Reproduction.

**Type of event:** Conference

**City of event:** Tours, France

**Date of event:** 26/06/2016

**End date:** 30/06/2016

**With external admission assessment committee:** Yes

Consolación García Contreras; Daniel Valent; Marta Vázquez Gómez; Susana Astiz Blanco; Beatriz Isabel; Cristina Ovilo; Anna Bassols; Antonio González De Bulnes López.

**104 Title of the work:** Effect of the expertise of the practitioner during the early pregnancy diagnosis by per rectum amniotic sac visualization with ultrasound on early pregnancy loss.

**Name of the conference:** 18th International Congress on Animal Reproduction.

**Type of event:** Conference

**City of event:** Tours, France

**Date of event:** 26/06/2016

**End date:** 30/06/2016

**With external admission assessment committee:** Yes

Raquel Patrón Collantes; Irene Lopez Helguera; Francisco Sebastián; Octavi Fargas; Susana Astiz Blanco.

**105 Title of the work:** Intrauterine Growth Restriction affects concentrations of catecholamine neurotransmitters in newborn piglets.

**Name of the conference:** 18th International Congress on Animal Reproduction.

**Type of event:** Conference

**City of event:** Tours, France

**Date of event:** 26/06/2016

**End date:** 30/06/2016

**With external admission assessment committee:** Yes

Marta Vázquez Gómez; Daniel Valent; Consolación García Contreras; Cristina Ovilo; Beatriz Isabel; Anna Bassols; Susana Astiz Blanco; Antonio González De Bulnes López.

**106 Title of the work:** Presentación de resultados Estudio FERTILE.

**Name of the conference:** 3-er Foro regional Boehringer Ingelheim de Especialistas en Calidad de Leche.

**Type of event:** Foro

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

**Corresponding author:** Yes

**City of event:** Montevideo, Uruguay

**Date of event:** 09/06/2016

**End date:** 10/06/2016

**Organising entity:** Boehringer Ingelheim

Susana Astiz Blanco.



- 107** **Title of the work:** Relación Mastitis-Fertilidad: review  
**Name of the conference:** Programa de Educación Continua Universidad de la República.  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes  
**City of event:** Montevideo, Uruguay  
**Date of event:** 08/06/2016  
**End date:** 08/06/2016  
Susana Astiz Blanco.
- 108** **Title of the work:** Estimación de la competencia ovocitaria mediante activación partenogenética en ovocitos bovinos obtenidos por ovum pick-up, maduración in vitro y vitrificación  
**Name of the conference:** XXI Congreso Internacional de Medicina Bovina  
**Type of event:** Conference  
**Type of participation:** Participatory - poster  
**City of event:** Santiago de Compostela, Galicia, Spain  
**Date of event:** 11/05/2016  
**End date:** 14/05/2016  
**Organising entity:** ANEMBE **Type of entity:** Associations and Groups  
**With external admission assessment committee:** Yes  
Estefania De Gregorio; Jon Romero Aguirregomezcorra; Susana Astiz Blanco; Salvador Ruíz. (Spain):
- 109** **Title of the work:** Estudio comparativo de la eficiencia diagnóstica de la toracoscopia y la biopsia toracoscópica en el síndrome respiratorio bovino a partir de la exploración clínica, la ecografía y análisis laboratoriales de diversas muestras obtenidas in vivo en terneros de cebo.  
**Name of the conference:** XXI Congreso Internacional de Medicina Bovina  
**Type of event:** Conference  
**City of event:** Santiago de Compostela, Galicia, Spain  
**Date of event:** 11/05/2016  
**End date:** 14/05/2016  
**Organising entity:** ANEMBE **Type of entity:** Associations and Groups  
**With external admission assessment committee:** Yes  
Natividad Pérez Villalobos; Iñaki Espinosa Crespo; Juan Carlos Ibabe; Cortabarria N; Gorka Aduriz; Juan Vicente González Martín; Antonio González De Bulnes López; Susana Astiz Blanco. (Spain):
- 110** **Title of the work:** Diet-induced swine model of sarcopenic obesity.  
**Name of the conference:** SALAAM- WG/MC/Scientific Meeting of COST Action BM1308.  
**Type of event:** Conference  
**City of event:** Poznan, Poland  
**Date of event:** 13/12/2015  
**End date:** 16/12/2015  
**Organising entity:** SALAAM  
**With external admission assessment committee:** Yes  
Antonio Gonzalez De Bulnes López; Susana Astiz Blanco; Consolación García Contreras; Marta Vázquez Gómez.
- 111** **Title of the work:** Evaluation of oxidative/antioxidant status in a swine model of fetal growth retardation.  
**Name of the conference:** WG/MC/Scientific Meeting of COST Action BM1308  
**Type of event:** Conference  
**City of event:** Poznan, Poland  
**Date of event:** 13/12/2015  
**End date:** 16/12/2015



**Organising entity:** SALAAM

**With external admission assessment committee:** Yes

Consolación García Contreras; Marta Vázquez Gómez; Susana Astiz Blanco; María Luz Pérez Solana; Cristina Ovilo; Ana Rey; Antonio González De Bulnes López.

**112 Title of the work:** Feto-placental development and hemodynamics can be modulated by sildenafil citrate administration in a rabbit model of intrauterine growth restriction.

**Name of the conference:** WG/MC/Scientific Meeting of COST Action BM1308

**Type of event:** Conference

**City of event:** Poznan, Poland

**Date of event:** 13/12/2015

**End date:** 16/12/2015

**Organising entity:** SALAAM

**With external admission assessment committee:** Yes

Jorge López Tello; María Arias Álvarez; Susana Astiz Blanco; María Angeles Jiménez Martínez; Alicia Barbero Fernández; Rosa María García García; Pedro Luis Lorenzo; Laura Torres Rovira; Antonio González De Bulnes López; Pilar García Rebollar.

**113 Title of the work:** The thoracoscopy approach as a new tool for in vivo sequential lung studies in the bovine model.

**Name of the conference:** SALAAM- WG/MC/Scientific Meeting of COST Action BM1308.

**Type of event:** Conference

**City of event:** Poznan, Poland

**Date of event:** 13/12/2015

**End date:** 16/12/2015

**Organising entity:** SALAAM

**With external admission assessment committee:** Yes

Natividad Pérez Villalobos; Iñaki Espinosa; Jose Luis Sampayo Cabrera; Jorge Gonzalez; Juan Vicente Gonzalez Martin; Antonio Gonzalez De Bulnes López; Susana Astiz Blanco.

**114 Title of the work:** Simulador para valorar el efecto de diferentes estrategias productivas sobre el rendimiento técnico y económico en explotaciones lecheras.

**Name of the conference:** Jornada de costes y márgenes de producción en el sector de vacuno de leche.

**Type of event:** Workshop

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

**Corresponding author:** Yes

**City of event:** Madrid, Community of Madrid, Spain

**Date of event:** 25/11/2015

**End date:** 25/11/2015

**Organising entity:** MAGRAMA

**Type of entity:** State agency

**115 Title of the work:** BVD y fertilidad en Ganado vacuno lechero.

**Name of the conference:** On-line Congress, BVDZero

**Type of event:** Conference

**Corresponding author:** Yes

**City of event:** Sant Cugat del Valles (Barcelona), Catalonia, Spain

**Date of event:** 18/11/2015

**End date:** 18/11/2015

Susana Astiz Blanco.



- 116 Title of the work:** Dual role of fatty pigs: animal production and translational model for biomedical research.  
**Name of the conference:** 3rd Fatty Pig Science and Utilization International Conference.  
**Type of event:** Conference  
**City of event:** Herceghalom, Hungary  
**Date of event:** 17/11/2015  
**End date:** 16/12/2015  
**With external admission assessment committee:** Yes  
Antonio Gonzalez De Bulnes López; Susana Astiz Blanco; Cristina Óvilo; Beatriz Isabel; Laura Torres Rovira; Alicia Barbero; Miriam Ayuso Hernando; Marta Vázquez Gómez; Consolación García Contreras; Laura Cogollos.
- 117 Title of the work:** Morphomics and candidate gene expression analysis of prenatal development in fatty pigs.  
**Name of the conference:** 3rd Fatty Pig Science and Utilization International Conference.  
**Type of event:** Conference  
**City of event:** Herceghalom, Hungary  
**Date of event:** 17/11/2015  
**End date:** 16/12/2015  
**With external admission assessment committee:** Yes  
Consolación García Contreras; Marta Vázquez Gómez; Susana Astiz Blanco; Laura Cogollos; Ana Rey; Rita Benítez; Yolanda Nuñez; Fernández A; Beatriz Isabel; Cristina Óvilo; Antonio Gonzalez De Bulnes López.
- 118 Title of the work:** Addition of Metacam® (meloxicam) to the treatment of clinical mastitis improves subsequent reproductive performances.  
**Name of the conference:** British Mastitis Conference  
**Type of event:** Conferencia Internacional  
**City of event:** Sixways, Worcester, United Kingdom  
**Date of event:** 11/11/2015  
**End date:** 11/11/2015  
Scott McDougall; Elke Abbeloos; Sophie Piepers; Rao A; Susana Astiz Blanco; Tine van Werven; Statham J; Natividad Pérez Villalobos.
- 119 Title of the work:** Effecto of pregnancy time and sex on developmental patterns in leptin resistnag swine fetuses exposed to maternal malnutrition.  
**Name of the conference:** Epigenetics and Periconception Environment COST Action FA1201.  
**Type of event:** Conference  
**City of event:** Creta, Greece  
**Date of event:** 06/10/2015  
**End date:** 07/10/2015  
**With external admission assessment committee:** Yes  
Consolación García Contreras; Marta Vázquez Gómez; Susana Astiz Blanco; Beatriz Isabel; Laura Cogollos; María Luz Pérez Solana; Ana Rey; Cristina Óvilo; Antonio Gonzalez De Bulnes López.
- 120 Title of the work:** Sex matters even in prenatal life.  
**Name of the conference:** Epigenetics and Periconception Environment COST Action FA1201.  
**Type of event:** Conference  
**City of event:** Creta, Greece  
**Date of event:** 06/10/2015  
**End date:** 07/10/2015  
**With external admission assessment committee:** Yes  
Antonio Gonzalez De Bulnes López; Laura Torres Rovira; Susana Astiz Blanco; Pascale Chavatte Palmer; Clemente López Bote; Cristina Óvilo.

- 121** **Title of the work:** Sex-related differences in prenatal development of IUGR piglets.  
**Name of the conference:** Epigenetics and Periconception Environment COST Action FA1201.  
**Type of event:** Conference  
**City of event:** Creta, Greece  
**Date of event:** 06/10/2015  
**End date:** 07/10/2015  
**With external admission assessment committee:** Yes  
Marta Vázquez Gómez; Consolación García Contreras; Susana Astiz Blanco; Miriam Ayuso Hernando; Laura Cogollos; Cristina Óvilo; Antonio Gonzalez De Bulnes López; Beatriz Isabel.
- 122** **Title of the work:** Nuevas tecnologías: Escaparate y herramienta en la clínica.  
**Name of the conference:** Cursos de verano del escorial. Clínicas veterinarias del siglo xxi. El camino hacia el éxito.  
**Type of event:** Mesa redonda  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes  
**City of event:** El Escorial, Community of Madrid, Spain  
**Date of event:** 13/07/2015  
**End date:** 16/07/2015  
Susana Astiz Blanco.
- 123** **Title of the work:** A stochastic dairy farm model to evaluate the effect of changes in technical or economic factors on performance and benefits.  
**Name of the conference:** ADSA ASAS Joint Annual Meetings.  
**Type of event:** Conference  
**City of event:** Orlando FL., United States of America  
**Date of event:** 12/07/2015  
**End date:** 16/07/2015  
**Organising entity:** ADSA ASAS  
**With external admission assessment committee:** Yes  
Sergio Calsamiglia; Lorena Castillejos; Susana Astiz Blanco; Lopez de Toro C; Joaquim Baucells. 93, J. Anim. Sci.,
- 124** **Title of the work:** ¿Qué hay que tener en cuenta a la hora de introducir nuevos animales en nuestra explotación?  
**Name of the conference:** I Jornada técnica de Ganado Vacuno de MAZARICOS.  
**Type of event:** Workshop  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes  
**City of event:** Mazaricos, Galicia, Spain  
**Date of event:** 07/07/2015  
**End date:** 07/07/2015  
Susana.
- 125** **Title of the work:** Descriptive results of fertility after first AI with presynchronization protocols and fertility from second AIs after resynchronization protocols in 32 farms from the Northeast of Spain.  
**Name of the conference:** XX Congreso Internacional de Medicina Bovina  
**Type of event:** Conference  
**City of event:** Burgos, Castile and León, Spain  
**Date of event:** 06/05/2015



**End date:** 08/05/2015

**Organising entity:** ANEMBE

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

Susana Astiz Blanco; Javier Heras; Octavi Fargas. (Spain):

- 126 Title of the work:** Development of a dairy farm simulation program to evaluate the effect of different production strategies on technical and economical performance.

**Name of the conference:** XX Congreso Internacional de Medicina Bovina

**Type of event:** Conference

**City of event:** Burgos, Castile and León, Spain

**Date of event:** 06/05/2015

**End date:** 08/05/2015

**Organising entity:** ANEMBE

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

Sergio Calsamiglia; Lorena Castillejos; Susana Astiz Blanco; Joaquim Baucells. (Spain):

- 127 Title of the work:** Early postpartum application of eCG and hormonal synchronization protocols to try to diminish the negative effects of heat stress on the fertility after first inseminations.

**Name of the conference:** XX Congreso Internacional de Medicina Bovina

**Type of event:** Conference

**City of event:** Burgos, Castile and León, Spain

**Date of event:** 06/05/2015

**End date:** 08/05/2015

**Organising entity:** ANEMBE

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

Susana Astiz Blanco; Francisco Sebastián; Octavi Fargas; Fernández M; Emili Calvet. (Spain):

- 128 Title of the work:** Postmortem study of the visceral pleura in cattle and its practical application in lung biopsy via.

**Name of the conference:** XX Congreso Internacional de Medicina Bovina

**Type of event:** Conference

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

**City of event:** Burgos, Castile and León, Spain

**Date of event:** 06/05/2015

**End date:** 08/05/2015

**Organising entity:** ANEMBE

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

Natividad Pérez Villalobos; Iñaki Espinosa Crespo; González Fernández J; Casademunt Garre S; Antonio Gonzalez De Bulnes López; Juan Vicente González Martín; Susana Astiz Blanco. (Spain):

- 129 Title of the work:** Usefulness of clinical evidences to determine active BVD-infections in Spanish bovine farms.

**Name of the conference:** XX Congreso Internacional de Medicina Bovina

**Type of event:** Conference

**City of event:** Burgos, Castile and León, Spain

**Date of event:** 06/05/2015

**End date:** 08/05/2015

**Organising entity:** ANEMBE

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

Susana Astiz Blanco; Laura Cogollos; Juan Manuel Loste; Gorka Aduriz; Manuel Cerviño. (Spain):



- 130 Title of the work:** Sex matters even in prenatal life.  
**Name of the conference:** Periconception Environment. Epiconcept Workshop 2015  
**Type of event:** Conference  
**City of event:** Dubrovnik, Croatia  
**Date of event:** 26/04/2015  
**End date:** 29/04/2015  
**With external admission assessment committee:** Yes  
Antonio Gonzalez De Bulnes López; Laura Torres Rovira; Susana Astiz Blanco; Pascale Chavatte Palmer; Clemente López Bote; Cristina Óvilo.
- 131 Title of the work:** ¿Qué enfermedades debo revisar en las novillas que compramos?  
**Name of the conference:** Jornada Técnica Coop.Ltda San Francisco De Asis Y Cerama Veterinaria.  
**Type of event:** Workshop  
**Type of participation:** Participatory - oral communication  
**City of event:** Talavera de la Reina, Castile-La Mancha, Spain  
**Date of event:** 27/03/2015  
**End date:** 27/03/2015  
Susana Astiz Blanco.
- 132 Title of the work:** Prediction is difficult. Preparation is critical and possible.  
**Name of the conference:** World Congress on Controversies, Debates & Consensus in Veterinary Medicine  
**Type of event:** Conference  
**City of event:** Praga, Czech Republic  
**Date of event:** 22/10/2014  
**End date:** 24/10/2014  
**Organising entity:** CoVet 2014  
Zilli R; Dalton L; Ooms W; Schobesberger H; Imberechts H; Egan J; Moller K; Susana Astiz Blanco; Black P; Renwick Sh; Nunn M; Bagni M; Morrow A.
- 133 Title of the work:** OPU and its impact on fertility after time fixed artificial insemination in a conservation program of Murciano-levantie bovine breed.  
**Name of the conference:** 30 th Scientific Meeting de la Asociación Europea de Transferencia Embrionaria  
**Type of event:** Conference  
**City of event:** Dresden, Germany  
**Date of event:** 12/09/2014  
**End date:** 13/09/2014  
**Organising entity:** AETE  
Salvador Ruíz; Sánchez JM; Rojas E; Jon Romero Aguirregomezorta; Susana Astiz Blanco; Laura Almela Veracruz; Begoña Peinado Ramón; Angel Poto.
- 134 Title of the work:** Effects of intramammary antibiotic therapy during the dry period on the performance of Lacaune dairy sheep under an intensive management system.  
**Name of the conference:** XXVII World Buiatrics Congress 2014  
**Type of event:** Conference  
**City of event:** Cairns, Australia  
**Date of event:** 27/07/2014  
**End date:** 01/08/2014  
**Organising entity:** WBC  
**With external admission assessment committee:** Yes  
Fernando Hernandez; Laura Elvira Partida; Beatriz Fernandez; María Egea; Antonio González De Bulnes López; Juan Vicente González Martín; Susana Astiz Blanco.



- 135 Title of the work:** Impact of a control of milk quality program within the first 120 days of lactation on production and incidence of mastitis in a dairy cattle farm with environmental mastitis.  
**Name of the conference:** XXVII World Buiatrics Congress 2014  
**Type of event:** Conference  
**City of event:** Carnains, Australia  
**Date of event:** 27/07/2014  
**End date:** 01/08/2014  
**Organising entity:** WBC  
**With external admission assessment committee:** Yes  
Natividad Pérez Villalobos; Cristiana Teixeira Justo; Sacristan-Alvarez S; Susana Astiz Blanco; Manuel Cerviño Lopez; Juan Vicente Gonzalez Martin.
- 136 Title of the work:** Impact of a control of milk quality program within the first days of lactation on production and incidence of mastitis in dairy cattle farm with environmental mastitis.  
**Name of the conference:** XXVII World Buiatrics Congress 2014  
**Type of event:** Conference  
**City of event:** Carnains, Australia  
**Date of event:** 27/07/2014  
**End date:** 01/08/2014  
**Organising entity:** WBC  
**With external admission assessment committee:** Yes  
Natividad Pérez Villalobos; Cristiana Teixeira Justo; Sacristan-Alvarez S; Susana Astiz Blanco; Manuel Cerviño Lopez; Juan Vicente Gonzalez Martin.
- 137 Title of the work:** Maternal parity affects metabolic efficiency and life performance of progeny in the dairy cattle.  
**Name of the conference:** XXVII World Buiatrics Congress 2014  
**Type of event:** Conference  
**City of event:** Carnains, Australia  
**Date of event:** 27/07/2014  
**End date:** 01/08/2014  
**Organising entity:** WBC  
**With external admission assessment committee:** Yes  
Susana Astiz Blanco; Antonio González De Bulnes López; Francisco Sebastián; Octavi Fargas; Iagoba Cano; Pedro Cuesta.
- 138 Title of the work:** OPU oocyte yield in a conservation program of Murciano Levantine bovine breed.  
**Name of the conference:** XXVII World Buiatrics Congress 2014  
**Type of event:** Conference  
**City of event:** Cairns, Australia  
**Date of event:** 27/07/2014  
**End date:** 01/08/2014  
**Organising entity:** WBC  
**With external admission assessment committee:** Yes  
Salvador Ruíz; Jon Romero Aguirregomezcorra; Angel Poto; Susana Astiz Blanco.
- 139 Title of the work:** THORACOSCOPY: an innovative approach to Bovine Respiratory Disease in calves. Description of the technique in diseased animals.  
**Name of the conference:** XXVII World Buiatrics Congress 2014  
**Type of event:** Conference  
**City of event:** Carnains, Australia



**Date of event:** 27/07/2014

**End date:** 01/08/2014

**Organising entity:** WBC

**With external admission assessment committee:** Yes

Natividad Pérez Villalobos; Iñaki Espinosa; Jose Luis Sampayo Cabrera; Juan Vicente Gonzalez Martin; Antonio Gonzalez De Bulnes López; Susana Astiz Blanco.

- 140 Title of the work:** Variation in anti-Mullerian hormone plasma levels in the early prepubertal period and implications on subsequent reproductive performance.

**Name of the conference:** XXVII World Buiatrics Congress 2014

**Type of event:** Conference

**City of event:** Carnains, Australia

**Date of event:** 27/07/2014

**End date:** 01/08/2014

**Organising entity:** WBC

**With external admission assessment committee:** Yes

Laura Torres Rovira; Antonio González De Bulnes López; Susana Astiz Blanco; Sara Succu; María Manca; Daniela Addis; Giovanni Leoni; Marilia Gallus; Salvatore Naitana; Fiammetta Berlinguer.

- 141 Title of the work:** Mejora de la calidad de la leche y del nivel de producción tras el mantenimiento de las vacas sobre cama compostada durante el secado.

**Name of the conference:** XIX Congreso Internacional de Medicina Bovina

**Type of event:** Conference

**City of event:** Oviedo, Principality of Asturias, Spain

**Date of event:** 25/06/2014

**End date:** 27/06/2014

**Organising entity:** ANEMBE

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

Susana Astiz Blanco; Francisco Sebastián; Octavi Fargas; Emili Calvet. (Spain):

- 142 Title of the work:** Programación del desarrollo en Holstein y factores asociados a una mayor producción en vacas desde su nacimiento: la edad de la madre parece ser determinante.

**Name of the conference:** XIX Congreso Internacional de Medicina Bovina

**Type of event:** Conference

**City of event:** Oviedo, Principality of Asturias, Spain

**Date of event:** 25/06/2014

**End date:** 27/06/2014

**Organising entity:** ANEMBE

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

Susana Astiz Blanco; Antonio González De Bulnes López; Francisco Sebastián; Octavi Fargas; Iagoba Cano; Pedro Cuesta. (Spain):

- 143 Title of the work:** Maternal age affects metabolic efficiency and life performance of progeny in a Holstein dairy cow model.

**Name of the conference:** Epigenetics and Periconception WORKSHOP: Environment COST ACTION

**Type of event:** Conference

**City of event:** Las Palmas de Gran Canaria, Canary Islands, Spain

**Date of event:** 07/05/2014

**End date:** 09/05/2014

**Organising entity:** EPICONCEPT

**With external admission assessment committee:** Yes



Susana Astiz Blanco; Antonio González De Bulnes López; Francisco Sebastián; Octavi Fargas; Iagoba Cano; Pedro Cuesta. (Spain):

- 144 Title of the work:** Modification of adiposity and metabolic features by transgenerational developmental programming in swine with thrifty genotype.  
**Name of the conference:** Epigenetics and Periconception WORKSHOP: Environment COST ACTION  
**Type of event:** Conference  
**City of event:** Las Palmas de Gran Canaria, Canary Islands, Spain  
**Date of event:** 07/05/2014  
**End date:** 09/05/2014  
**Organising entity:** EPICONCEPT  
**With external admission assessment committee:** Yes  
Antonio González De Bulnes López; Susana Astiz Blanco; Cristina Ovilo; Clemente López Bote; María Luz Pérez Solana; Miriam Ayuso Hernando; Laura Torres Rovira; Alicia Barbero. (Spain):
- 145 Title of the work:** Birth of the first calf of Murciana-Levantina bovine breed derived by OPU, in vitro production and embryo vitrification.  
**Name of the conference:** 29th Scientific Meeting de la Asociación Europea de Transferencia Embrionaria  
**Type of event:** Conference  
**City of event:** Estambul, Turkey  
**Date of event:** 06/09/2013  
**End date:** 07/09/2013  
**Organising entity:** AETE  
**Type of entity:** Associations and Groups  
**With external admission assessment committee:** Yes  
Jon Romero Aguirregomezorta; Susana Astiz Blanco; Begoña Peinado Ramón; Laura Almela Veracruz; Angel Poto.
- 146 Title of the work:** Primera ternera Murciano-levantina obtenida por biotecnología reproductiva (OPU, Fecundación in vitro, cultivo in vitro y vitrificación de embriones).  
**Name of the conference:** XVIII Congreso Internacional de Medicina Bovina  
**Type of event:** Conference  
**City of event:** Lerida, Catalonia, Spain  
**Date of event:** 24/04/2013  
**End date:** 26/04/2013  
**Organising entity:** ANEMBE  
**Type of entity:** Associations and Groups  
**With external admission assessment committee:** Yes  
Jon Romero Aguirregomezorta; Susana Astiz Blanco; Angel Poto; Laura Almela Veracruz; Begoña Peinado Ramón; Salvador Ruíz. (Spain):
- 147 Title of the work:** The value of the dairy records on reproduction in a dairy farm: how can they help us?  
**Name of the conference:** XVIII Congreso Internacional de Medicina Bovina  
**Type of event:** Conference  
**City of event:** Lerida, Catalonia, Spain  
**Date of event:** 24/04/2013  
**End date:** 25/04/2013  
**Organising entity:** ANEMBE  
**Type of entity:** Associations and Groups  
**With external admission assessment committee:** Yes  
Susana Astiz Blanco; Francisco Sebastián; Fernández M; Emili Calvet; Octavi Fargas. (Spain):
- 148 Title of the work:** Practical experiences in the application of the Welfare Quality® protocols to the cattle fattening system in Spain.  
**Name of the conference:** 18e journées 3R



**Type of event:** Workshop

**City of event:** Paris, France

**Date of event:** 07/12/2012

**End date:** 11/12/2012

Marinas G; Moro M; Lopez J; Susana Astiz Blanco.

- 149 Title of the work:** OPU oocyte yield and early embryo development after follicular ablation or exogenous GnRH (Dalmarelin) in Murciano-Levantina cows.

**Name of the conference:** 28th Scientific Meeting AETE

**Type of event:** Conference

**City of event:** Saint Malo, France

**Date of event:** 07/09/2012

**End date:** 09/09/2012

**Organising entity:** AETE

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

Garcia JR; Susana Astiz Blanco; Jon Romero Aguirregomezcorra; Angel Poto; Salvador Ruíz.

- 150 Title of the work:** Synchronization protocol for bovine OPU-IVP embryo transfers of Murciano-Levantina breed in recipients in a dairy farm: preliminary results.

**Name of the conference:** 28th Scientific Meeting AETE

**Type of event:** Conference

**City of event:** Saint Malo, France

**Date of event:** 07/09/2012

**End date:** 09/09/2012

**Organising entity:** AETE

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

Susana Astiz Blanco; Jon Romero Aguirregomezcorra; Angel Poto; Salvador Ruíz.

- 151 Title of the work:** Short- or long-term hypobaric hypoxia decreases corpus luteum size and insulin-like growth factor expression in cycling sheep.

**Name of the conference:** 17th International Congress on Animal Reproduction

**Type of event:** Conference

**City of event:** Vancouver, Canada

**Date of event:** 29/07/2012

**End date:** 02/08/2012

**Organising entity:** ICAR

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

Víctor Hugo Parranguez; Eileen Cofré; Sandra Mamani; Lorena Bravo; Constanza Pérez; Bessie Urquieta; Susana Astiz Blanco; Antonio González De Bulnes López.

- 152 Title of the work:** Protocolo de estimulación con FSH (PLUSET®) previo a la realización de Ovum Pick-Up dentro del programa de recuperación de la raza bovina Murciano-Levantina.

**Name of the conference:** IV Congreso Nacional de la Carne de Vacuno

**Type of event:** Conference

**City of event:** Madrid, Community of Madrid, Spain

**Date of event:** 21/06/2012

**End date:** 22/06/2012

**Organising entity:** INVAC

**With external admission assessment committee:** Yes

Jon Romero Aguirregomezcorra; Susana Astiz Blanco; Laura Almela Veracruz; Begoña Peinado; Angel Poto; Salvador Ruíz.



**153 Title of the work:** Applying the Fractional Polynomial technique to describe the lactation curve of Lacaune dairy sheep under intensive management.

**Name of the conference:** XXVII World Buiatric Congress

**Type of event:** Conference

**City of event:** Lisboa, Portugal

**Date of event:** 03/06/2012

**End date:** 08/06/2012

**Organising entity:** WBC

**With external admission assessment committee:** Yes

Laura elvira Partida; Fernando Hernández; Pedro Cuesta; Cano S; Juan Vicente González Martín; Susana Astiz Blanco.

**154 Title of the work:** FSH (PLUSET®) stimulation protocol followed by Ovum Pick-Up on the Murciano-Levantina breed recovery program.

**Name of the conference:** XXVII World Buiatric Congress

**Type of event:** Conference

**City of event:** Lisboa, Portugal

**Date of event:** 03/06/2012

**End date:** 08/06/2012

**Organising entity:** WBC

**With external admission assessment committee:** Yes

Jon Romero Aguirregomezcora; Susana Astiz Blanco; Laura Almela Veracruz; Begoña Peinado; Angel Poto; Salvador Ruiz.

**155 Title of the work:** Reproductive performance trends in dairy cattle in Spain.

**Name of the conference:** XXVII World Buiatric Congress

**Type of event:** Conference

**City of event:** Lisboa, Portugal

**Date of event:** 03/06/2012

**End date:** 08/06/2012

**Organising entity:** WBC

**With external admission assessment committee:** Yes

Susana Astiz Blanco; Del Moral MJ; Morales M; Juan Vicente González Martín.

**156 Title of the work:** The Dry Period Length of Lacaune dairy sheep under intensive management: factors and effects on the productivity.

**Name of the conference:** XXVII World Buiatric Congress

**Type of event:** Conference

**City of event:** Lisboa, Portugal

**Date of event:** 03/06/2012

**End date:** 08/06/2012

**Organising entity:** WBC

**With external admission assessment committee:** Yes

Fernando Hernández; Laura elvira Partida; Juan Vicente González Martín; Susana Astiz Blanco.

**157 Title of the work:** Efecto de la terapia antioxidante sobre la dinámica folicular y luteal ovárica en ovejas mantenidas a gran altura.

**Name of the conference:** VII Congreso ALEPRyCS

**Type of event:** Conference

**City of event:** Huancavelica, Peru



**Date of event:** 18/05/2012

**End date:** 21/05/2012

**Organising entity:** Asociación Latinoamericana de especialistas en pequeños rumiantes y camélidos sudamericanos

**With external admission assessment committee:** Yes

Díaz F; Pérez L; Bessie Urquieta; Raggi A; Susana Astiz Blanco; Antonio González De Bulnes López; Víctor Hugo Parranguez.

- 158 Title of the work:** Eficacia de la ablación folicular y de la administración exógena de GnRH (Diamarelin) sobre la producción y calidad ovocitaria en vacas de raza Murciano-Levnantina.dairy cow farms in Spain: compilation and interpretation of the reproductive index.

**Name of the conference:** XVII Congreso Internacional de Medicina Bovina

**Type of event:** Conference

**City of event:** Santander, Cantabria, Spain

**Date of event:** 18/04/2012

**End date:** 20/04/2012

**Organising entity:** ANEMBE

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

García RJ; Jon Romero Aguirregomezcorra; Susana Astiz Blanco; Angel Poto; Salvador Ruíz.

- 159 Title of the work:** Índices Reproductivos más importantes: estimación e interpretación.

**Name of the conference:** XVII Congreso Internacional ANEMBE

**Type of event:** Conference

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

**Corresponding author:** Yes

**City of event:** Santander, Cantabria, Spain

**Date of event:** 18/04/2012

**End date:** 18/04/2012

**Organising entity:** ANEMBE

**With external admission assessment committee:** Yes

- 160 Title of the work:** Analysis, evaluation, adaptation and development of Welfare-Quality® protocols to the Spanish bovine feedlot systems.

**Name of the conference:** XVI Congreso Internacional de Medicina Bovina

**Type of event:** Conference

**City of event:** Ávila, Castile and León, Spain

**Date of event:** 11/05/2011

**End date:** 13/05/2011

**Organising entity:** ANEMBE

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

Marinas G; Moro M; López J; Susana Astiz Blanco.

- 161 Title of the work:** Preliminary results after the superovulation protocolo FSH (Pluset®) on the OPU performance in non-productive Holstein cows.

**Name of the conference:** XVI Congreso Internacional de Medicina Bovina

**Type of event:** Conference

**City of event:** Ávila, Castile and León, Spain

**Date of event:** 11/05/2011

**End date:** 13/05/2011

**Organising entity:** ANEMBE

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes



Jon Romero Aguirregomezcarta; Souza JC; De Ondiz A; Angel Poto; Susana Astiz Blanco; Salvador Ruíz.

- 162 Title of the work:** Reproductive state of the dairy cow farms in Spain: compilation and interpretation of the reproductive index.

**Name of the conference:** XVI Congreso Internacional de Medicina Bovina

**Type of event:** Conference

**City of event:** Ávila, Castile and León, Spain

**Date of event:** 11/05/2011

**End date:** 13/05/2011

**Organising entity:** ANEMBE

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

del Moral MJ; Morales M; Susana Astiz Blanco; Juan Vicente González Martín.

- 163 Title of the work:** Effect of antioxidant vitamins on the ovarian dynamics in high altitude- adapted and -newcomer ewes.

**Name of the conference:** XVI Congreso Chileno de Medicina Veterinaria.

**Type of event:** Conference

**City of event:** Santiago de Chile, Chile

**Date of event:** 18/11/2010

**End date:** 20/11/2010

**With external admission assessment committee:** Yes

Víctor Hugo Parraguez; Díaz F; Pérez L; Raggi LA; Bessie Urquieta; Susana Astiz Blanco; Antonio González De Bulnes López.

- 164 Title of the work:** Estudio de la respuesta local, e inducción de anticuerpos específicos de dos tipos de vacunas policlostridiales aplicadas en un programa de entrada en Ganado bovino de cebo.

**Name of the conference:** XV Congreso Internacional de Medicina Bovina

**Type of event:** Conference

**City of event:** Granada, Andalusia, Spain

**Date of event:** 09/05/2010

**End date:** 11/05/2010

**Organising entity:** ANEMBE

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

Manuel Cerviño López; Susana Astiz Blanco; Rodríguez Bertos A; Fariñas Guerrero F; Enrique Calvo López-Guerrero; Laura Elvira Partida; Villarroel Neri R; Juan Vicente González Martín.

- 165 Title of the work:** Formación en la medicina de Rumiantes: Salidas para los recién licenciados.

**Name of the conference:** VIII Jornadas de Medicina Veterinaria de Rumiantes ANEMBE-IVSA

**Type of event:** Workshop

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

**Corresponding author:** Yes

**City of event:** Madrid, Community of Madrid, Spain

**Date of event:** 12/03/2010

**End date:** 13/03/2010

**Organising entity:** ANEMBE-IVSA

Susana Astiz Blanco.

- 166 Title of the work:** Formación en la medicina de Rumiantes: Salidas para los recién licenciados.

**Name of the conference:** VII Jornadas de Medicina Veterinaria de Rumiantes ANEMBE-IVSA

**Type of event:** Workshop

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



**Corresponding author:** Yes

**City of event:** Madrid, Community of Madrid, Spain

**Date of event:** 14/03/2009

**End date:** 15/03/2009

**Organising entity:** ANEMBE-IVSA

Susana Astiz Blanco.

**167 Title of the work:** Metaphilaxis with florfenicol based on temperature at feedlot entry against BRD under commercial conditions in Spain.

**Name of the conference:** XXV Jubilee World Buiatrics congress

**Type of event:** Conference

**City of event:** Budapest, Hungary

**Date of event:** 06/07/2008

**End date:** 11/07/2008

**Organising entity:** WBC

**With external admission assessment committee:** Yes

Juan Vicente González Martín; Laura Elvira Partida; Natividad Pérez Villalobos; Manuel Cerviño López; Enrique Calvo López-Guerrero; Susana Astiz Blanco.

**168 Title of the work:** Metafilaxia parcial con florfenicol basada en la temperatura frente al síndrome respiratorio bovino (SRB) en un sistema de cebo español.

**Name of the conference:** XIII Congreso Internacional de Medicina Bovina

**Type of event:** Conference

**City of event:** Salamanca, Castile and León, Spain

**Date of event:** 07/05/2008

**End date:** 10/05/2008

**Organising entity:** ANEMBE

**With external admission assessment committee:** Yes

Juan Vicente González Martín; Laura Elvira Partida; Natividad Pérez Villalobos; García Jiménez P; Manuel Cerviño López; Enrique Calvo López-Guerrero; Gutiérrez J.M; Susana Astiz Blanco.

**169 Title of the work:** Formación en la medicina de Rumiantes: Salidas para los recién licenciados.

**Name of the conference:** V Jornadas de Medicina Veterinaria de Rumiantes ANEMBE-IVSA

**Type of event:** Workshop

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

**Corresponding author:** Yes

**City of event:** Madrid, Community of Madrid, Spain

**Date of event:** 16/03/2007

**End date:** 17/03/2007

**Organising entity:** ANEMBE-IVSA

Susana Astiz Blanco.

**170 Title of the work:** An epulis in a crossbreeding calf. A case report.

**Name of the conference:** 24th World Buiatrics Congress

**Type of event:** Conference

**Type of participation:** Participatory - poster

**City of event:** Nice, France

**Date of event:** 15/10/2006

**End date:** 19/10/2006

**Organising entity:** WBC

**With external admission assessment committee:** Yes



Juan Vicente González Martín; Laura Elvira Partida; Natividad Pérez Villalobos; Susana Astiz Blanco.

- 171 Title of the work:** Idiopathic immune-mediated hemolytic anemia in cattle. A case report.  
**Name of the conference:** 24th World Buiatrics Congress  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Nice, France  
**Date of event:** 15/10/2006  
**End date:** 19/10/2006  
**Organising entity:** WBC  
**With external admission assessment committee:** Yes  
 Susana Astiz Blanco; Juan Vicente González Martín; Laura Elvira Partida; Fermín-Rodríguez M.
- 172 Title of the work:** Urovagina: epidemiology and surgical correction.  
**Name of the conference:** 24th World Buiatrics Congress  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Nice, France  
**Date of event:** 15/10/2006  
**End date:** 19/10/2006  
**Organising entity:** WBC  
**With external admission assessment committee:** Yes  
 Juan Vicente González Martín; Alfonso Monge Vega; Criado-García F; Esteban-Revilla E; Susana Astiz Blanco.
- 173 Title of the work:** Formación en la medicina de Rumiantes: Salidas para los recién licenciados.  
**Name of the conference:** IV Jornadas de Medicina Veterinaria de Rumiantes ANEMBE-IVSA  
**Type of event:** Workshop  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes  
**City of event:** Madrid, Community of Madrid, Spain  
**Date of event:** 24/03/2006  
**End date:** 25/03/2006  
**Organising entity:** ANEMBE-IVSA  
 Susana Astiz Blanco.
- 174 Title of the work:** Parasitología Práctica en la clínica de campo.  
**Name of the conference:** X Congreso Internacional de Medicina Bovina  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes  
**City of event:** San Sebastián, Basque Country, Spain  
**Date of event:** 13/05/2005  
**End date:** 14/05/2005  
**Organising entity:** ANEMBE  
**With external admission assessment committee:** Yes  
 Susana Astiz Blanco.
- 175 Title of the work:** First congenital abdominal distension syndrome referenced in cattle ("prune belly-like syndrome").  
**Name of the conference:** XXIII World Buiatrics Congress.



**Type of event:** Conference

**City of event:** Quebec, Canada

**Date of event:** 11/07/2004

**End date:** 16/07/2004

**Organising entity:** WBC

**With external admission assessment committee:** Yes

Susana Astiz Blanco; Juan Vicente González Martín; Alfonso Monge; Laura Elvira Partida; Camón J.

**176 Title of the work:** Prenatal intussusception in a calf.

**Name of the conference:** XXIII World Buiatrics Congress.

**Type of event:** Conference

**City of event:** Quebec, Canada

**Date of event:** 11/07/2004

**End date:** 16/07/2004

**Organising entity:** WBC

**With external admission assessment committee:** Yes

Juan Vicente González Martín; Fariñas F; Susana Astiz Blanco; Zorrilla I; Laura Elvira Partida; Esteban-Revilla E.

**177 Title of the work:** Descripción completa de un caso de leucosis esporádica tímica o leucosis esporádica de las novillas: clínica, analítica y anatomía patológica.

**Name of the conference:** IX Congreso Internacional de Medicina Bovina

**Type of event:** Conference

**City of event:** Gijón, Principality of Asturias, Spain

**Date of event:** 28/05/2004

**End date:** 29/05/2004

**Organising entity:** ANEMBE

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

Susana Astiz Blanco; Juan Vicente González Martín; Laura Elvira Partida; Fariñas F; Zorrilla I; Esteban E; Alfonso Monge.

**178 Title of the work:** Theileriosis hiperaguda en una novilla. Descripción de un caso clínico.

**Name of the conference:** IX Congreso Internacional de Medicina Bovina

**Type of event:** Conference

**City of event:** Gijón, Principality of Asturias, Spain

**Date of event:** 28/05/2004

**End date:** 29/05/2004

**Organising entity:** ANEMBE

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

Laura Elvira Partida; Juan Vicente González Martín; Susana Astiz Blanco; Fariñas F; Zorrilla I; Alfonso Monge.

**179 Title of the work:** "Leche de bruja en ternero recién nacido"

**Name of the conference:** IX Congreso Internacional de Medicina Bovina

**Type of event:** Conference

**City of event:** Gijón, Principality of Asturias, Spain

**Date of event:** 28/05/2004

**End date:** 29/05/2004

**Organising entity:** ANEMBE

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes



Juan Vicente González Martín; Susana Astiz Blanco; Laura Elvira Partida; Criado F; Fariñas F; Alfonso Monge.

**180 Title of the work:** “Síndrome de distensión abdominal en una ternera de raza holstein”

**Name of the conference:** IX Congreso Internacional de Medicina Bovina

**Type of event:** Conference

**City of event:** Gijón, Principality of Asturias, Spain

**Date of event:** 28/05/2004

**End date:** 29/05/2004

**Organising entity:** ANEMBE

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

Juan Vicente González Martín; Susana Astiz Blanco; Laura Elvira Partida; Rodríguez A; Camón J.

**181 Title of the work:** Intususcepción prenatal en ternero.

**Name of the conference:** XV Reunión de la Sociedad Española de Anatomía Patológica Veterinaria.

**Type of event:** Reunión

**City of event:** Cordoba, Andalusia, Spain

**Date of event:** 04/06/2003

**End date:** 06/06/2003

**Organising entity:** Sociedad Española de Anatomía Patológica Veterinaria

**With external admission assessment committee:** Yes

Fariñas F; Juan Vicente González Martín; Zorrila I; Susana Astiz Blanco; Revilla E.

**182 Title of the work:** Mucormicosis sistémica neonatal en ternero: caso clínico.

**Name of the conference:** XV Reunión de la Sociedad Española de Anatomía Patológica Veterinaria.

**Type of event:** Reunión

**City of event:** Cordoba, Andalusia, Spain

**Date of event:** 04/06/2003

**End date:** 06/06/2003

**Organising entity:** Sociedad Española de Anatomía Patológica Veterinaria

**With external admission assessment committee:** Yes

Fariñas F; Juan Vicente González Martín; Zorrila I; Susana Astiz Blanco; Revilla E; Alfonso Monge.

**183 Title of the work:** Primera cita de un síndrome de distensión abdominal congénita en el vacuno (“prune belly-like syndrome”).

**Name of the conference:** XV Reunión de la Sociedad Española de Anatomía Patológica Veterinaria.

**Type of event:** Reunión

**City of event:** Cordoba, Andalusia, Spain

**Date of event:** 04/06/2003

**End date:** 06/06/2003

**Organising entity:** Sociedad Española de Anatomía Patológica Veterinaria

**With external admission assessment committee:** Yes

Juan Vicente González Martín; Susana Astiz Blanco; Laura Elvira Partida; Rodríguez A; Camón J.

**184 Title of the work:** “Leche de bruja” en ternero recién nacido.

**Name of the conference:** XV Reunión de la Sociedad Española de Anatomía Patológica Veterinaria.

**Type of event:** Reunión

**City of event:** Cordoba, Andalusia, Spain

**Date of event:** 04/06/2003

**End date:** 06/06/2003

**Organising entity:** Sociedad Española de Anatomía Patológica Veterinaria

**With external admission assessment committee:** Yes

Juan Vicente González Martín; Fariñas F; Criado F; Susana Astiz Blanco; Laura Elvira Partida; Zorrilla I; Alfonso Monge.

**185 Title of the work:** . “Aspergilosis sistémica neonatal”

**Name of the conference:** VIII Congreso Internacional de Medicina Bovina

**Type of event:** Conference

**City of event:** Madrid, Community of Madrid, Spain

**Date of event:** 13/12/2002

**End date:** 14/12/2002

**Organising entity:** ANEMBE

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

Juan Vicente González Martín; Fariñas F; Susana Astiz Blanco; Laura Elvira Partida; Alfonso Monge.

**186 Title of the work:** Malformación occipitoatlantoaxial con fusión atlantooccipital y otras malformaciones vertebrales asociadas en un ternero.

**Name of the conference:** VIII Congreso Internacional de Medicina Bovina

**Type of event:** Conference

**City of event:** Madrid, Community of Madrid, Spain

**Date of event:** 13/12/2002

**End date:** 14/12/2002

**Organising entity:** ANEMBE

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

Juan Vicente González Martín; Cuadrado B; Susana Astiz Blanco; Avedillo L; Camón J.

**187 Title of the work:** Tratamiento con flunixin meglumine del síndrome espástico (parálisis progresiva posterior).

**Name of the conference:** VIII Congreso Internacional de Medicina Bovina

**Type of event:** Conference

**City of event:** Madrid, Community of Madrid, Spain

**Date of event:** 13/12/2002

**End date:** 14/12/2002

**Organising entity:** ANEMBE

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

Juan Vicente González Martín; Susana Astiz Blanco; Laura Elvira Partida; Alfonso Monge.

**188 Title of the work:** “Citrulinemia, primera cita española de esta enfermedad”

**Name of the conference:** VIII Congreso Internacional de Medicina Bovina

**Type of event:** Conference

**City of event:** Madrid, Community of Madrid, Spain

**Date of event:** 13/12/2002

**End date:** 14/12/2002

**Organising entity:** ANEMBE

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

Juan Vicente González Martín; Fariñas F; Rodríguez Bertos A; Susana Astiz Blanco; Alfonso Monge Vega.

**189 Title of the work:** Buried purse string suture of the hymenal constriction. A new surgical instrument for the surgical treatment of urovagina in the cow.

**Name of the conference:** XXII World Buiatrics Congress.

**Type of event:** Conference

**City of event:** Hannover, Germany



**Date of event:** 18/08/2002

**End date:** 23/08/2002

**Organising entity:** WBC

**With external admission assessment committee:** Yes

Juan Vicente González Martín; Susana Astiz Blanco; Alfonso Monge.

**190 Title of the work:** "The influence of the pelvic conformation on the incidence of urovagina – an epidemiological study"

**Name of the conference:** XXII World Buiatrics Congress.

**Type of event:** Conference

**City of event:** Hannover, Germany

**Date of event:** 18/08/2002

**End date:** 23/08/2002

**Organising entity:** WBC

**With external admission assessment committee:** Yes

Susana Astiz Blanco; Juan Vicente González Martín; Ayala G.L; Alfonso Monge.

**191 Title of the work:** "Tasas de supervivencia postdescongelación de embriones bovinos producidos in vitro tras diferentes tiempos de equilibramiento en etilén glicol"

**Name of the conference:** IX Congreso Internacional de Medicina Bovina

**Type of event:** Conference

**City of event:** Santiago de Compostela, Galicia, Spain

**Date of event:** 16/06/2000

**End date:** 18/06/2000

**Organising entity:** ANEMBE

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

Susana Astiz Blanco; González M.

**192 Title of the work:** Complejo y síndrome de Eisenmenger en un ternero neonato.

**Name of the conference:** IX Congreso Internacional de Medicina Bovina

**Type of event:** Conference

**City of event:** Santiago de Compostela, Galicia, Spain

**Date of event:** 16/06/2000

**End date:** 18/06/2000

**Organising entity:** ANEMBE

**Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

González Fernández De Castro M; Juan Vicente González Martín; Camón Urgel J; Susana Astiz Blanco.

**193 Title of the work:** The influence of semen of different bulls and ejaculates on results of IVF and IVP.

**Name of the conference:** 15th A.E.T.E. Meeting

**Type of event:** Meeting

**City of event:** Lyon, France

**Date of event:** 10/10/1999

**End date:** 12/10/1999

**Organising entity:** AETE

**With external admission assessment committee:** Yes

Susana Astiz Blanco; Peuckmann K; Hans Peter Nohner; Aumann J; Hahn J.



- 194** **Title of the work:** Versuche zur Verbesserung der Embryonenausbeute nach In-vitro-Befruchtung von Eizellen aus Ovarien Wertvoller Schlachtkühe.  
**Name of the conference:** Congreso anual de la Asociación para la Transferencia de Embriones de habla Germana (AET-d).  
**Type of event:** Conference  
**City of event:** Grob, Germany  
**Date of event:** 17/06/1999  
**End date:** 18/06/1999  
**With external admission assessment committee:** Yes  
Peuckmann K; Susana Astiz Blanco; Leiding C; Hahn J.
- 195** **Title of the work:** 35 Embryonen von einer Schlachtkuh nach In-vitro-Befruchtung.  
**Name of the conference:** Congreso anual de la Asociación para la Transferencia de Embriones de habla Germana (AET-d).  
**Type of event:** Conference  
**City of event:** Rostock, Germany  
**Date of event:** 18/06/1998  
**End date:** 19/06/1998  
**With external admission assessment committee:** Yes  
Susana Astiz Blanco; Hans Peter Nohner; Hahn J.
- 196** **Title of the work:** Estudio de nematodos cecales del ganado caprino en Castilla-La Mancha. I. Eliminación de huevos.  
**Name of the conference:** IV Congreso Ibérico de Parasitología  
**Type of event:** Conference  
**City of event:** Santiago de Compostela, Galicia, Spain  
**Date of event:** 07/1995  
**End date:** 07/1995  
**With external admission assessment committee:** Yes  
Meana A; Susana Astiz Blanco; Carazo D; Valcárcel F; García-Romero C; Miró G.
- 197** **Title of the work:** Prevalencia de las nematodosis broncopulmonares en ovino en la zona septentrional de España.  
**Name of the conference:** IV Congreso Ibérico de Parasitología  
**Type of event:** Conference  
**City of event:** Santiago de Compostela, Galicia, Spain  
**Date of event:** 07/1995  
**End date:** 07/1995  
**With external admission assessment committee:** Yes  
Meana A; Cerrada C; Susana Astiz Blanco; Luzón M; Gómez-Bautista M.
- 198** **Title of the work:** Prevalencia estacional de las bronconeumonías verminosas en el ganado caprino en la comunidad de Castilla-La Mancha.  
**Name of the conference:** IV Congreso Ibérico de Parasitología  
**Type of event:** Conference  
**City of event:** Santiago de Compostela, Galicia, Spain  
**Date of event:** 07/1995  
**End date:** 07/1995  
**With external admission assessment committee:** Yes  
Meana A; Susana Astiz Blanco; Carazo D; Valcárcel F; García-Romero C; Miró G.



**199 Title of the work:** Effects of maternal metformin supplementation on Prenatal growth and metabolism of the offspring

**Name of the conference:** Middle East Congress.

**Type of event:** Conference

**Organising entity:** ISANH

Consolación García Contreras; Marta Vázquez Gómez; Laura Torres Rovira; Jose Luis Pesantez Pacheco; Susana Astiz Blanco; Antonio González De Bulnes López.

## R&D management and participation in scientific committees

### Scientific, technical and/or assessment committees

- 1 Committee title:** Past-Presidencia del European College of Bovine Herd Health Medicine  
**Primary (UNESCO code):** 240000 - Life Science; 310000 - Agricultural Sciences  
**Affiliation entity:** ECBHM  
**Start-End date:** 23/09/2021 - 09/2023
- 2 Committee title:** Presidencia del European College of Bovine Herd Health Medicine  
**Primary (UNESCO code):** 240000 - Life Science; 310000 - Agricultural Sciences  
**Affiliation entity:** ECBHM  
**Start-End date:** 09/2019 - 23/09/2021
- 3 Committee title:** Vicepresidencia del European College of Bovine Herd Health Medicine  
**Primary (UNESCO code):** 240000 - Life Science; 310000 - Agricultural Sciences  
**Affiliation entity:** ECBHM  
**Start-End date:** 09/2017 - 09/2019
- 4 Committee title:** Asesoramiento al Equipo Técnico MSD salud animal en el ámbito nacional  
**Geographical area:** National  
**Primary (UNESCO code):** 240000 - Life Science; 310000 - Agricultural Sciences  
**Affiliation entity:** MSD Salud animal  
**Start-End date:** 2012 - 2018
- 5 Committee title:** EXAMINATION COMMITTEE; European College of Bovine Health Medicine (ECBHM)  
**Primary (UNESCO code):** 240000 - Life Science; 310402 - Bovina  
**Affiliation entity:** ECBHM **Type of entity:** Associations and Groups  
**Start-End date:** 06/2014 - 09/2017
- 6 Committee title:** Comité Examinador del European College of Bovine Herd Health Medicine  
**Primary (UNESCO code):** 240000 - Life Science; 310000 - Agricultural Sciences  
**Affiliation entity:** ECBHM  
**Start-End date:** 2015 - 2017
- 7 Committee title:** Asesoría científica para la ERANet on Sustainable Animal Production (SusAn) Propuesta (dentro de la European Union's Research and Innovation funding programme Horizon-2020)  
**Primary (UNESCO code):** 240000 - Life Science; 310000 - Agricultural Sciences  
**Affiliation entity:** Colaborative Working Group, EC  
**Start-End date:** 2014 - 2016



- 8** **Committee title:** Animal Task Force  
**Primary (UNESCO code):** 240000 - Life Science; 310000 - Agricultural Sciences  
**Start-End date:** 2013 - 2016
- 9** **Committee title:** Comité Ejecutivo del Collaborative Working Group of SCAR de Animal Health and Welfare, Subgrupo FPU (Forsight and Prospective Unit)  
**Primary (UNESCO code):** 240000 - Life Science; 310000 - Agricultural Sciences  
**Start-End date:** 2013 - 2016
- 10** **Committee title:** Vocalía de Reproducción de Junta Directiva de Asociación Nacional de Especialistas en Medicina Bovina de España  
**Primary (UNESCO code):** 240000 - Life Science; 310000 - Agricultural Sciences  
**Affiliation entity:** ANEMBE  
**Start-End date:** 2012 - 2016
- 11** **Committee title:** Coeditora del Boletín de ANEMBE  
**Primary (UNESCO code):** 240000 - Life Science; 310000 - Agricultural Sciences  
**Affiliation entity:** ANEMBE  
**Start-End date:** 2010 - 2016
- 12** **Committee title:** Eranet Anihwa consorcio en el WP3 (Work Package 3; dentro de la European Union's Research and Innovation funding programme FP7).  
**Primary (UNESCO code):** 240000 - Life Science; 310000 - Agricultural Sciences  
**Start-End date:** 2012 - 2015
- 13** **Committee title:** Scientific expert Second Workshop FOREMed  
**Primary (UNESCO code):** 240000 - Life Science; 310000 - Agricultural Sciences  
**Affiliation entity:** Ministerio Salud Italia  
**Start-End date:** 03/11/2014 - 04/11/2014
- 14** **Committee title:** Comité Científico para la Candidatura de la Asociación Nacional Española de Especialistas en Medicina Bovina A.N.E.M.B.E. como organizador y sede del World Buiatric Congress 2016 en Barcelona  
**Primary (UNESCO code):** 240000 - Life Science; 310000 - Agricultural Sciences  
**Affiliation entity:** ANEMBE  
**Start-End date:** 2011 - 2013
- 15** **Committee title:** Comité Científico de ANEMBE  
**Primary (UNESCO code):** 240000 - Life Science; 310000 - Agricultural Sciences  
**Affiliation entity:** ANEMBE  
**Start-End date:** 2004 - 2012
- 16** **Committee title:** Comité Científico de la Asociación Nacional Española de Especialistas en Medicina Bovina A.N.E.M.B.E.  
**Primary (UNESCO code):** 240000 - Life Science; 310000 - Agricultural Sciences  
**Affiliation entity:** ANEMBE  
**Start-End date:** 2004 - 2012
- 17** **Committee title:** Comité Científico ANEMBE, XVI Congreso Internacional de Medicina Bovina (ANEMBE)  
**Primary (UNESCO code):** 240000 - Life Science; 310000 - Agricultural Sciences  
**Affiliation entity:** ANEMBE



**Start-End date:** 12/05/2011 - 13/05/2011

- 18** **Committee title:** Comité Científico ANEMBE, XV Congreso Internacional de Medicina Bovina (ANEMBE)  
**Primary (UNESCO code):** 240000 - Life Science; 310000 - Agricultural Sciences  
**Affiliation entity:** ANEMBE  
**Start-End date:** 06/05/2010 - 09/05/2010
- 19** **Committee title:** Presidencia del European College of Bovine Health Medicine (ECBHM)  
**Primary (UNESCO code):** 240000 - Life Science; 310000 - Agricultural Sciences  
**Affiliation entity:** ECBHM  
**Start date:** 09/2019
- 20** **Committee title:** SCAR: Standing Committee for Agrarian Research of the European Commission; CGW: Collaborative Working Group; SAP: Sustainable Animal Production  
**Primary (UNESCO code):** 240000 - Life Science; 310000 - Agricultural Sciences  
**Affiliation entity:** European Comission  
**Start date:** 2013
- 21** **Committee title:** Asesoramiento al Equipo Técnico de Boehringer Ingelheim en el ámbito nacional e internacional  
**Geographical area:** Internacional  
**Primary (UNESCO code):** 240000 - Life Science; 310000 - Agricultural Sciences  
**Affiliation entity:** Boehringer Ingelheim España, S.A. **Type of entity:** Business  
**Start date:** 2012

## Organization of R&D activities

- 1** **Title of the activity:** IV Jornadas de Medicina de Rumiantes de Canarias in memoriam Marco Marco Suárez Marín. Universidad de Las Palmas de gran Canaria (ULPGC).  
**Type of activity:** Comité organizador  
**Convening entity:** Universidad de Las Palmas de gran Canaria (ULPGC) **Type of entity:** University  
**City convening entity:** Las Palmas, Canary Islands, Spain  
**Start-End date:** 03/2019 - 03/2019
- 2** **Title of the activity:** Máster Universitario en Ensayos Clínicos Veterinarios  
**Type of activity:** Coordinación y Organización  
**Convening entity:** Universidad Europea de Madrid **Type of entity:** University  
**Start-End date:** 2017 - 2019 **Duration:** 2 years
- 3** **Title of the activity:** III Jornadas de Medicina de Rumiantes de Canarias in memoriam Marco Marco Suárez Marín. Universidad de Las Palmas de gran Canaria (ULPGC).  
**Type of activity:** Comité organizador  
**Convening entity:** Universidad de Las Palmas de gran Canaria (ULPGC) **Type of entity:** University  
**City convening entity:** Las Palmas, Canary Islands, Spain  
**Start-End date:** 10/2017 - 10/2017
- 4** **Title of the activity:** Seminario Gestión de Reproducción en Granja: uso e interpretación de datos reproductivos en el XXI Congreso Internacional de Anembe, Santiago de Compostela.  
**Type of activity:** Coordinación



**City of event:** Santiago de Compostela, Galicia, Spain

**Convening entity:** ANEMBE

**Type of entity:** Associations and Groups

**Type of participation:** Organiser

**Start-End date:** 11/05/2016 - 11/05/2016

**5 Title of the activity:** I Jornadas de Medicina Veterinaria de Rumiantes IVSA-Lugo

**City of event:** Lugo, Galicia, Spain

**Convening entity:** IVSA

**Type of participation:** Organiser

**Start-End date:** 10/03/2016 - 11/03/2016

**6 Title of the activity:** Comité organizado XXI Congreso Internacional de Medicina Bovina ANEMBE.

**Type of activity:** Organizador

**City of event:** Santiago de Compostela, Galicia, Spain

**Convening entity:** ANEMBE

**Type of participation:** Organiser

**Start-End date:** 2016 - 2016

**7 Title of the activity:** Curso Especialista ANEMBE en Reproducción. 100 lectivas

**Type of activity:** Miembro comité organizador. Coordinadora y docente

**Convening entity:** Asociación Nacional de Medicina Bovina Española (ANEMBE)

**Start-End date:** 2015 - 2016

**8 Title of the activity:** Cursos-ANEMBE anuales on-line de Especialista en Reproducción. 100 clases; Formación práctica.

**Convening entity:** ANEMBE

**Type of participation:** Dirección y Coordinación

**Start-End date:** 2014 - 2016

**9 Title of the activity:** Comité Organizador XX Congreso Internacional ANEMBE.

**City of event:** Burgos, Castile and León, Spain

**Convening entity:** ANEMBE

**Type of entity:** Associations and Groups

**Type of participation:** Organiser

**Start-End date:** 06/05/2015 - 08/05/2015

**10 Title of the activity:** Curso Especialista ANEMBE en Reproducción. 100 lectivas

**Type of activity:** Miembro comité organizador. Coordinadora y docente

**Convening entity:** ANEMBE

**Type of participation:** Organiser

**Start-End date:** 2014 - 2015

**11 Title of the activity:** Comité Organizador XIX Congreso Internacional de Medicina Bovina ANEMBE

**City of event:** Oviedo, Principality of Asturias, Spain

**Convening entity:** ANEMBE

**Type of participation:** Organiser

**Start-End date:** 25/06/2014 - 27/06/2014

**12 Title of the activity:** Comité Organizador del General Annual Meeting ECBHM-2014 enmarcado dentro del XIX Congreso Internacional de Medicina Bovina ANEMBE

**City of event:** Oviedo, Principality of Asturias, Spain

**Convening entity:** ANEMBE



**Type of participation:** Organiser

**Start-End date:** 25/06/2014 - 27/06/2014

**13 Title of the activity:** Comité Organizador del XVIII Congreso Internacional de Medicina Bovina ANEMBE

**City of event:** Lleida, Catalonia, Spain

**Convening entity:** ANEMBE

**Type of entity:** Associations and Groups

**Type of participation:** Organiser

**Start-End date:** 24/04/2013 - 26/04/2013

**14 Title of the activity:** VI Jornadas de Medicina Veterinaria de Rumiantes IVSA-Madrid

**City of event:** Madrid, Community of Madrid, Spain

**Convening entity:** IVSA

**Type of participation:** Organiser

**Start-End date:** 14/03/2008 - 15/03/2008

**15 Title of the activity:** V Jornadas de Medicina Veterinaria de Rumiantes IVSA-Madrid

**City of event:** Madrid, Community of Madrid, Spain

**Convening entity:** IVSA

**Type of participation:** Organiser

**Start-End date:** 16/03/2007 - 17/03/2007

**16 Title of the activity:** IV Jornadas de Medicina Veterinaria de Rumiantes IVSA-Madrid

**City of event:** Madrid, Community of Madrid, Spain

**Convening entity:** IVSA

**Type of participation:** Organiser

**Start-End date:** 24/03/2006 - 25/03/2006

**17 Title of the activity:** III Jornadas de Medicina Veterinaria de Rumiantes IVSA-Madrid

**City of event:** Madrid, Community of Madrid, Spain

**Convening entity:** IVSA

**Type of participation:** Organiser

**Start-End date:** 15/04/2005 - 16/04/2005

**18 Title of the activity:** II Jornadas de Medicina Veterinaria de Rumiantes IVSA-Madrid

**City of event:** Madrid, Community of Madrid, Spain

**Convening entity:** IVSA

**Type of participation:** Organiser

**Start-End date:** 05/03/2004 - 06/03/2004

**19 Title of the activity:** I Jornadas de Medicina Veterinaria de Rumiantes IVSA-Madrid

**City of event:** Madrid, Community of Madrid, Spain

**Convening entity:** IVSA

**Type of participation:** Chairman

**Start-End date:** 03/04/2003 - 05/04/2003

**20 Title of the activity:** Curso de Inseminación Artificial en Bovino

**Type of activity:** Organizadora y ponente

**Convening entity:** Ganaderos y veterinarios del centro de España. Clínica Veterinaria AMASVET

**Type of participation:** Organiser

**Start-End date:** 06/05/2002 - 08/05/2002



- 21 Title of the activity:** Curso de Inseminación Artificial en Bovino  
**Type of activity:** Organizadora y ponente  
**Convening entity:** Ganaderos y veterinarios del centro de España. Clínica Veterinaria AMASVET  
**Type of participation:** Organiser  
**Start-End date:** 23/04/2001 - 25/04/2001
- 22 Title of the activity:** Seminario de Hematología Clínica Bovina XI  
**Type of activity:** Organizadora y ponente  
**Convening entity:** ANEMBE  
**Type of participation:** Organiser  
**Start date:** 04/05/2006
- 23 Title of the activity:** Comité OrganizadorSeminario "La necropsia del Bovino en el Campo"  
**City of event:** Madrid, Community of Madrid, Spain  
**Convening entity:** Colegio de veterinarios de Madrid **Type of entity:** Colegio veterinario  
**City convening entity:** Madrid, Community of Madrid, Spain  
**Type of participation:** Organiser

## R&D management

- 1 Name of the activity:** GRANJA CERROMONTE SL. Convenio de colaboración para el desarrollo de actividades de estudio de mejora de la capacidad productiva en ganado ovino (CC14-054)  
**Type of management:** Management of R&D&I actions and projects  
**Performed tasks:** Investigadora principal  
**Start date:** 30/06/2016 **Duration:** 3 years
- 2 Name of the activity:** ESTRATEGIAS REPRODUCTIVAS PARA EL CONTROL DEL ANESTRO POSTPARTO (CON14-112)  
**Type of management:** Management of R&D&I actions and projects  
**Performed tasks:** Investigadora principal  
**Start date:** 30/01/2015
- 3 Name of the activity:** TRIALVET Reproductive strategies to reduce postpartum anoestrus (CON14-112)  
**Type of management:** Management of R&D&I actions and projects  
**Performed tasks:** Investigadora PRINCIPAL  
**Entity:** Trialvet  
**Start date:** 2015
- 4 Name of the activity:** CONVENIO DE COLABORACIÓN ENTRE INIA Y ANEMBE PARA DESARROLLAR ACTIVIDADES CONJUNTAS DE FORMACIÓN Y DIVULGACIÓN EN REPRODUCCIÓN Y PRODUCCIÓN BOVINA (CC14-041)  
**Type of management:** Management of R&D&I actions and projects  
**Performed tasks:** Investigadora colaboradora (Sonia Pérez Garnelo IP)  
**Start date:** 08/07/2014 **Duration:** 3 years
- 5 Name of the activity:** CONVENIO DE COLABORACIÓN ENTRE INIA Y LA UNIVERSIDAD DE CUENCA PARA DESARROLLAR ACTIVIDADES DE DESARROLLO Y FORMACIÓN EN BIOTECNOLOGÍA DE LA REPRODUCCIÓN EN ANIMALES DE PRODUCCIÓN(CC13-069)  
**Type of management:** Management of R&D&I actions and projects  
**Performed tasks:** Investigadora Principal



**Entity:** INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )  
**Start date:** 07/01/2013 **Duration:** 3 years

- 6** **Name of the activity:** Estrategias reproductivas para la reducción del anestro postparto (con13-001)  
**Type of management:** Management of R&D&I actions and projects  
**Performed tasks:** Investigadora Principal  
**Start date:** 2013 **Duration:** 2 years
- 7** **Name of the activity:** Evaluación de la Eficacia y Seguridad de la solución de flunixin transdérmica para el control de la pirexia y/o la inflamación asociadas con la mastitis bovina (CON13-018)  
**Type of management:** Management of R&D&I actions and projects  
**Performed tasks:** Investigadora Principal  
**Start date:** 2013 **Duration:** 1 year
- 8** **Name of the activity:** Fertile: an investigation of the effect of a combined mastitis therapy with Metacam® and Ubrolexin® on dairy cows' reproductive performance  
**Type of management:** Management of R&D&I actions and projects  
**Performed tasks:** Investigadora Principal  
**Start date:** 2012 **Duration:** 1 year
- 9** **Name of the activity:** Análisis, evaluación, adaptación y desanollo de los protocolos Welfare Quality® al sistema de producción de cebo de vacuno español.(Acción Complementaria, INIA)  
**Type of management:** Management of R&D&I actions and projects  
**Performed tasks:** Investigadora Principal  
**Start date:** 2010 **Duration:** 1 year
- 10** **Name of the activity:** Estudio del estado reproductivo de las explotaciones bovinas lecheras españolas: recopilación y publicación de índices reproductivos. (Acción Complementaria, INIA)  
**Type of management:** Management of R&D&I actions and projects  
**Performed tasks:** Investigadora Principal  
**Entity:** INSTITUTO NACIONAL DE INVESTIGACIÓN Y TECNOLOGÍA AGRARIA Y ALIMENTARIA ( INIA )  
**Start date:** 2010 **Duration:** 1 year
- 11** **Name of the activity:** Estudio de la persistencia del Cydectin® LA 2% para ovino frente a infecciones por Oestrus ovis bajo condiciones de campo en España; Fort Dodge Veterinaria SA  
**Type of management:** Management of R&D&I actions and projects  
**Performed tasks:** Coordinadora-monitoria Responsable de Proyecto  
**Entity:** Fort Dodge Veterinaria, S.A **Type of entity:** Business  
**Start date:** 2009
- 12** **Name of the activity:** Evaluación de la eficacia de Cydectin® LA 2% para ovino frente a Sarcoptes scabiei (saran sarcóptica) en ovejas infestadas de manera natural en España"; Fort Dodge, Veterinaria SA  
**Type of management:** Management of R&D&I actions and projects  
**Performed tasks:** Investigadora Principal, Coordinadora  
**Entity:** Fort Dodge Veterinaria, S.A **Type of entity:** Business  
**Start date:** 2009
- 13** **Name of the activity:** Contrastación de la sensibilidad de distintos test de detección de residuos antibióticos en leche de vaca mediante la determinación de cefalonium en muestras del noveno ordeño tras un secado normal con Cevravin VS; PC08-SA/MC01; Schering Plough AH  
**Type of management:** Management of R&D&I actions and projects  
**Performed tasks:** Coordinadora-monitoria Responsable de Proyecto



**Entity:** Schering-Plough, S.A.  
**Start date:** 2007

**Type of entity:** Business

- 14 Name of the activity:** Establishment of the relation between local and systemic response after administration of a Covexin-10 vaccination programme to calves, nº de registro y protocolo: PC05-MC03-06. Schering Plough AH

**Type of management:** Management of R&D&I actions and projects

**Performed tasks:** Coinvestigadora Responsable

**Entity:** Schering-Plough, S.A.

**Type of entity:** Business

**Start date:** 2005

- 15 Name of the activity:** Influencia del tratamiento con Nuflor y Fynadine en los parámetros inmunológicos celulares y humorales en ganado bovino sometido a condiciones de estrés, nº de registro 1065 y protocolo nº: PC05-MC02-04. Schering Plough AH

**Type of management:** Management of R&D&I actions and projects

**Performed tasks:** Investigadora Principal

**Entity:** Schering-Plough, S.A.

**Type of entity:** Business

**Start date:** 2005

- 16 Name of the activity:** Uso profiláctico de florfenicol y sistema de diagnóstico precoz de SRB en el sistema español de producción de terneros de cebo, nº de registro y protocolo: PC06-MC03-04. Schering-Plough A.H.

**Type of management:** Management of R&D&I actions and projects

**Performed tasks:** Investigadora Principal

**Entity:** Schering-Plough, S.A.

**Type of entity:** Business

**Start date:** 2005

- 17 Name of the activity:** Ensayo clínico Nuflor solución inyectable-Florfenicol in cattle", nº de registro y protocolo: C03-164-05. Schering Plough AH

**Type of management:** Management of R&D&I actions and projects

**Performed tasks:** Investigadora Principal

**Entity:** Schering-Plough, S.A.

**Type of entity:** Business

**Start date:** 2004

- 18 Name of the activity:** Ensayo clínico: Nuflor solución inyectable-Florfenicol in cattle", nº C03-164-03. Schering Plough AH

**Type of management:** Management of R&D&I actions and projects

**Performed tasks:** Investigadora Principal

**Entity:** Schering-Plough, S.A.

**Type of entity:** Business

**Start date:** 2004

- 19 Name of the activity:** Diversificación de técnicas de reproducción asistida en la especie equina y bovina para la mejora genética de razas autóctonas de la Comunidad de Madrid (PRODER

**Type of management:** Management of R&D&I actions and projects

**Performed tasks:** Coinvestigadora Responsable

**Start date:** 2003

- 20 Name of the activity:** Tutora Externa de la Asignatura Estancias. Universidad Complutense de Madrid

**Type of management:** Gestión de tutorías

**Performed tasks:** Tutora de estudiantes de Licenciatura

**Entity:** FUNDACION GENERAL DE LA UNIVERSIDAD COMPLUTENSE DE MADRID

**Start date:** 2001



- 21** **Name of the activity:** Utilización Alimentación líquida en porcino y adición de sepiolita. Tolsa SA y Haus Düsse  
**Type of management:** Management of R&D&I actions and projects  
**Performed tasks:** Investigadora Responsable de Contrato de I+D  
**Entity:** Tolsa, S.A. **Type of entity:** Business  
**Start date:** 1995

## Other achievements

### Stays in public or private R&D centres

- 1** **Entity:** Centro de Investigación INCA y Universidad de Santiago de Chile, Facultad de Veterinaria  
**City of entity:** Putre, Chile  
**Start-End date:** 2010 - 2011  
**Goals of the stay:** Investigador  
**Provable tasks:** Proyecto de Investigación: Efecto del aporte de antioxidantes sobre la actividad y eficiencia reproductiva en ovinos adaptados y no adaptados a la hipoxia hipobárica en explotaciones del Altiplano chileno (AECI A/023494/09 y AECI A/030536/10)
- 2** **Entity:** Centro de Investigación y Desarrollo Fort Dodge Animal Health **Type of entity:** Business  
**City of entity:** Princeton, United States of America  
**Start-End date:** 2009 - 2009 **Duration:** 7 days  
**Goals of the stay:** Guest  
**Provable tasks:** Workshop Moxidectin
- 3** **Entity:** Cátedra de Reproducción, Universidad de Hannover **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Veterinaria  
**City of entity:** Hannover, Germany  
**Start-End date:** 1997 - 1998  
**Goals of the stay:** Doctorate  
**Provable tasks:** Producción de embriones invitro
- 4** **Entity:** Centro de Investigación "Lehr und Versuchsanstalt" Haus Düsse (Bad Sassendorf, Alemania)  
**City of entity:** Bad Sassendorf, Germany  
**Start-End date:** 1995 - 1995 **Duration:** 168 days  
**Goals of the stay:** Contracted  
**Provable tasks:** Alimentación líquida y adición de sepiolita en el ganado porcino intensivo
- 5** **Entity:** Universidad Nacional de Río Cuarto **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Agronomía y Veterinaria  
**City of entity:** Cordoba, Argentina  
**Start-End date:** 1994 - 1994 **Duration:** 42 days  
**Goals of the stay:** (becario INTERCAMPUS)  
**Provable tasks:** Dpto. De Semiología y Análisis Clínicos.



- 6** **Entity:** Universidad de Cuenca  
**City of entity:** Ecuador  
**Start date:** 06/2014  
**Goals of the stay:** Investigador  
**Provable tasks:** Actividades de desarrollo y formación en biotecnología de la reproducción en animales de producción (CC13-069).  
**Type of entity:** University
- 7** **Entity:** Departamento I+D Schering Plough, AH. Francia  
**City of entity:** París, France  
**Start date:** 2007  
**Duration:** 7 days  
**Goals of the stay:** (formación en diseño y monitorización de ensayos clínicos)  
**Provable tasks:** Ensayos clínicos en farmacéuticas

### Scientific societies and professional associations

- 1** **Name of the society:** International Embryo Transfer Society  
**Start-End date:** 1999 - 2004
- 2** **Name of the society:** European Embryo Transfer Association  
**Start-End date:** 1999 - 2001
- 3** **Name of the society:** Diplomada Europea, European College of Bovine Health Medicine (ECBHM)  
**Start date:** 06/2007
- 4** **Name of the society:** Austrian Buiatric Society (ÖBS)  
**City affiliation entity:** Austria  
**Start date:** 2005
- 5** **Name of the society:** Asociación Nacional de Especialistas en Medicina Bovina de España  
**City affiliation entity:** Oviedo, Principality of Asturias, Spain  
**Start date:** 1996
- 6** **Name of the society:** Asociación Española de Parasitología  
**Start date:** 1995
- 7** **Name of the society:** Spanish Ornithology Society (S.E.O.)  
**Start date:** 1994