



Main program

Thursday, 5 November 2026

16:00–20:00: Registration

PRECONFERENCE LECTURE

Chairperson: Luis Anel Rodríguez

19:00–19:45: José Julián Garde López-Brea, Rector, University of Castilla-La Mancha, Spain

The Spanish university system and the challenge of transforming science into impact: funding, talent and knowledge transfer

20:30: Welcome ceremony and reception — congress hotel

Friday, 6 November 2026

08:30–18:30: Registration

09:30–10:00: Opening ceremony

SESSION 1: Molecular Signaling and Functional Assessment in Male Fertility.

Chairperson: María A. Gil

10:00–10:45: Invited lecture: Priscila Ramos-Ibeas, INIA, Madrid, Spain.

Molecular Regulation of Post-Hatching Embryo Development: Implications for Early Pregnancy Losses in Livestock Species (RDA e70225)

10:45–11:30: Invited lecture: Ana Josefa Soler, UCLM. Spain.

Optimizing Sperm Recovery and Evaluation in Domestic Species: Challenges and Current Practices (RDA e70280)

11:30–12:30: Poster session, exhibition and coffee break — sponsored by MSD Animal Health

12:30-13:30: SHORT ORAL COMMUNICATIONS I

Chairperson: Marc Yeste

Patricia Panales, J. Li, A. Parra, P. Martínez-Díaz, X. Lucas, M. Yeste, J. Roca, I. Barranco, University of Murcia and IMIB, Murcia, Spain

Small and Large Seminal Extracellular Vesicles Differentially Modulate Capacitation-Related Parameters in Frozen–Thawed Porcine Epididymal Spermatozoa (RDA e70222)

Adrián Martín-San Juan, C.C. Martín-Hinojal, H. Nieto-Cristóbal, M.J. Martinez-Alborcia, E. de Mercado, M. Álvarez-Rodríguez, INIA-CSIC, Madrid, Spain

Differentially expressed miRNA Cargo From Boar Seminal Extracellular Vesicles Is Linked With Motility Quality in AI Doses (RDA e70221)

Clara Vidal-García, M. Neila-Montero, E. Díaz-Hernández, P. Bóveda, C.M. Picazo-Córdoba, V. Montoro, O. García-Álvarez, J.J. Garde, A.J. Soler, M. Iniesta-Cuerda, IREC (UCLM-CSIC-JCCM), Albacete, Spain

Estrous Sheep Serum-Derived Extracellular Vesicles Deliver Proteins That Modulate Sperm Motility in Sheep (RDA e70293)

Judith Díaz-Muñoz, Y.N. Cajas, K. Cañón-Beltrán, S. Gago, C.O. Hidalgo, M. López-Béjar, D. Rizos, T. Mogas, Autonomous University of Barcelona, Cerdanyola del Vallès, Spain

Extracellular Vesicles From Heat- and Oxidative-Stressed Granulosa Cells Improve Redox Balance and Embryo Development in Bovine Oocytes (RDA e70224)

María del Prado Soriano-Campos, C.C. Muñoz-García, M. Luis-Calero, M. del Olmo-Ortiz, A. Gallardo-Soler, B. Macías-García, L. González-Fernández, University of Extremadura, Cáceres, Spain
Differential Gene Expression of Mesenchymal Stromal Cell and Granulosa Cell Markers in Equine Follicular Aspirates (RDA e70288)

13:30–15:00: Lunch

15:00–15:30: Poster session and exhibition

SESSION 2: Innovations in Livestock Embryo Cryopreservation.

Chairperson: Cristina A. Martínez-Serrano

15:30–16:15 Invited lecture: Cristina Cuello, University of Murcia, Spain

Recent Advances and Emerging Applications in Embryo Vitrification for Livestock (RDA e70269)

16:15–17:15: SHORT ORAL COMMUNICATIONS II

Adelina López-Jara, X. Tóptsikioti, M. Garcia-Canovas, C. Cuello, M.A. Gil, H. Rodriguez-Martinez, E.A. Martinez, I. Parrilla, University of Murcia and IMIB-Pascual Parrilla, Murcia, Spain

Frozen Boar Semen Can Be Successfully Stored at –80°C, Reducing Need for LN2 Storage Containers (RDA e70248)

Carolina G. Cabrera-Gómez, D. Gascón-Collado, P. Blanco-Cueto, B. Pequeño, H. Rodríguez-Martínez, C.A. Martínez-Serrano, INIA-CSIC, Madrid, Spain

Comparative Transcriptomic Analysis of In Vitro Matured Oocytes From Cyclic and Prepubertal Gilts Reveals Distinct Molecular Patterns (RDA e70285)

Sonia Gago, M. Vendrell-Flotats, J. Diaz-Muñoz, M. Soriano-Moya, M. Acacio, E. Mestres, N. Costa-Borges, T. Mogas, Autonomous University of Barcelona and Embryotools R&D Centre, Barcelona, Spain

Oxidative and Mitochondrial Status of Vitrified Equine In Vitro Matured Oocytes Using Temperature-Specific Equilibration Protocols (RDA e70259)

David Gascón-Collado, C.G. Cabrera-Gomez, P. Blanco-Cueto, H. Rodriguez-Martinez, C.A. Martinez-Serrano, INIA-CSIC, Madrid, Spain

Transcriptomic Dynamics Associated With In Vitro Oocyte Competence in Pigs (RDA e70265)

Manuela García-Cánovas, M. Torregrosa-Fuentes, A. Lopez-Jara, I. Parrilla, H. Rodriguez-Martinez, E.A. Martinez, M.A. Gil, C. Cuello, University of Murcia and IMIB-Pascual Parrilla, Murcia, Spain

Interleukin-4 Supplementation During In Vitro Culture Modulates the Expression of Stress- and Immune-Related Genes During Porcine Blastocyst Development (RDA e70263)

20:30: Congress dinner — Carmen de los Chapiteles

Saturday November 2026

08:30–14:00: Registration

9:30–10:15: SHORT ORAL COMMUNICATIONS III

Chairperson: Graça ML. Ferreira-Dias

P. Vallejo-Soto, Gea Sánchez-Cantero, V. Dibenedetto, A. Pagliarinni, Á. Almohano-Carrasco, R. Rodríguez González-Miranda, J. Dorado, I. Ortiz, M. Hidalgo, University of Córdoba, Córdoba, Spain

Effect of Uncoated Magnetic Nanoparticles on Stallion Sperm Parameters: Influence of Semen Quality (RDA e70243)

Sebastià Company, J. Catalán, L. Padilla, C. Maside, J. Miró, M. Yeste, Autonomous University of Barcelona, Barcelona, Spain

Characterization of Cytokines in Donkey Follicular Fluid and Seminal Plasma: A Pilot Study (RDA e70271)

Carlos Montero-Palma, A. Romero-Salmoral, P. Vallejo-Soto, B.R.N. Vilela, V. Pérez, F. Crespo-Castejón, I. Ortiz, M. Hidalgo, J. Dorado, I. Luque, L. Gómez-Gascón, University of Córdoba, Córdoba, Spain

Cinnamaldehyde as a Natural Antimicrobial in Donkey Semen: Efficacy and Sperm Cytotoxicity (RDA e70250)

Pilar Vallejo-Soto, A. González Ariza, B.R.N. Vilela, C. Montero-Palma, R. Rodríguez González-Miranda, V. Pérez-Aguilera, F. Crespo-Castejón, M. Hidalgo, J. Dorado, I. Ortiz, University of Córdoba, Córdoba, Spain

Comparative Susceptibility of Donkey and Horse Sperm to Liquid-Storage Temperature (RDA e70260)

10:15–11:15: Poster session, exhibition and coffee break

SESSION 3: Innovative In Vitro Models and Genome Editing Approaches to Transform Livestock Reproduction.

Chairperson: Cristina Cuello

11:15–12:00: Invited lecture: Carlos A. Pinzon-Arteaga, Harvard Medical School, USA.

Livestock Blastoids: In Vitro Blastocyst Models for Embryogenesis and Reproductive Technologies (RDA e70262)

12:00–12:45: Invited lecture: Kiho Lee, University of Missouri-Columbia, USA.

Precision Genome Editing in Domestic Animals (RDA e70286)

12:45–13:30: Poster session and exhibition

13:30–14:00: SHORT ORAL COMMUNICATIONS IV

Chairperson: Ana Josefa Soler

Carmen Cristina Muñoz-García, M.P. Soriano-Campos, M. Luis-Calero, M. del Olmo-Ortiz, L. González-Fernández, B. Macías-García, University of Extremadura, Cáceres, Spain

Influence of Follicle Number and Reproductive Cyclicity on Mesenchymal Stromal Cell Yield Isolated From Equine Ovarian Follicular Aspirates (RDA e70306)

Marc Torres-Garrido, M. Llavanera, M. Yeste, Y. Mateo-Otero, University of Girona, Girona, Spain

A Novel Multiparametric Flow Cytometry Approach to Study Metabolism in Cumulus Cells (RDA e70252)

Marta Cerveira-Pinto, C. Santos, N. Gomes, M. Pinho, A. Szóstek-Mioduchowska, A. Amaral, University of Lisbon, AL4AnimalS and CIISA, Lisbon, Portugal

Layer-Specific Quantitative Assessment of Collagen Distribution in Equine Uteri Using Masson's Trichrome and Digital Image Analysis: A Comparative Study (RDA e70279)

14:00–15:30: Lunch

15:30–16:15: CLOSING PLENARY LECTURE:

Chairperson: Emilio A. Martínez

Invited lecture: Heriberto Rodríguez-Martínez, Linköping University, Sweden.

Seminal Extracellular Vesicles as Molecular Modulators of Male Reproductive Function (RDA e70217)

16:15–16:45: Closing session

16:45: Annual AERA meeting

Short communications included in poster session

D. Martín-Hidalgo, V. Calle-Guisado, B. Macías-García, L. González-Fernández, University of Extremadura, Badajoz, Spain

Restoration of Motility in Acrosome-Reacted Boar Spermatozoa Induced by the Ionophore 4-Br-A23187 (RDA e70236)

G. García-Blanco, C. Fra-Hernández, J.F. do-Vale-Rabaça, L. Pariente-Martín, M. Veza-Cuenca, E. Fernández-Alegre, B. Martín-Fernández, J. Néstor Caamaño, J. Ramiro González-Montaña, M. Lores, F. Martínez-Pastor, University of León, León, Spain

A Low Concentration of a Sustainably Obtained Blueberry Extract Improves the Post-Thawing Motility of Cryopreserved Bull Spermatozoa (RDA e70238)

A.S. Varela Junior, C.D. Corcini, A. Ahmad, M. Michelin, C. Lima Dora, M. Yeste, S. Bonet, University of Girona, Spain, and Federal University of Rio Grande, Brazil

Nanoliposome-Mediated Delivery of Lipophilic Antioxidants as a Strategy to Improve the Preservation Capacity of Pig Semen at 17°C (RDA e70241)

M.V. Falceto, A.M. Garrido, A. Garrigós, M. Borobia, B. Moreno, M.T. Tejedor, C. Albisu, L. Garza-Moreno, J. Cantin, O. Mitjana, University of Zaragoza and its Veterinary Hospital, Zaragoza, Spain

Clinical, Biochemical and Pathological Findings in Symptomatic and Asymptomatic Bitches With Intrauterine Content (RDA e70245)

C.D. Corcini, A.S. Varela Junior, M.Y.O.T. Machado, D. da Motta Xavier, M. Yeste, University of Girona, Spain, and Federal University of Pelotas, Brazil

Ultrasound Exposure May Detrimentially Affect Sperm Function and Survival: Possible Implications for Cryobiology (RDA e70246)

F. Sevilla, I. Araya-Zúñiga, K. Matamoros-Corella, M. Barrientos-Morales, A. Salamanca-Carreño, M.A. Silvestre, A. Valverde, Costa Rica Institute of Technology and DOCINADE, Alajuela, Costa Rica

Bull Sperm Morphology Assessment: Agreement Between AI Station and Trumorph (RDA e70251)

B.R.N. Vilela, P. Vallejo-Soto, C. Montero-Palma, M. Hidalgo, N. Ayala, R. Moyano, L.D.S. Murgas, I. Ortiz, J. Dorado, University of Córdoba, Spain, and Federal University of Lavras, Brazil

Effects of Sucrose and Trehalose Supplementation on Zebrafish (Danio rerio) Sperm Quality During Cold Storage (RDA e70256)

A. López-Jara, M. García-Canovas, H. Gonzalez-Ramiro, M.A. Gil, C. Cuello, H. Rodriguez-Martinez, I. Parrilla, E.A. Martinez, University of Murcia and IMIB-Pascual Parrilla, Murcia, Spain

Buserelin Improves Ovulation-Embryo Synchrony Compared With hCG After eCG-Induced Superovulation in Donor Sows (RDA e70270)

V. Pérez Aguilera, P. Vallejo-Soto, C. Montero-Palma, B. Vilela, A. Romero-Salmoral, Á. Galán-Relaño, F. Crespo-Castejón, A. González-Ariza, M. Hidalgo, J. Dorado, I. Ortiz, L. Gómez-Gascón, I. Luque, Centro Militar de Cría Caballar de Ávila, Cría Caballar de las Fuerzas Armadas, Ávila, Spain

Silver Nanoparticles in Donkey Semen Stored at 17°C: Effect on Sperm Parameters and Bacterial Growth (RDA e70282)

M. Neila-Montero, M. Iniesta-Cuerda, J. Hernández-Serrano, E. Díaz-Hernández, C. Vidal-García, J.A. Laborda-Gomariz, M. Serrallé, R. Gallego, O. García-García, J. . Garde, A.J. Soler, IREC (CSIC-UCLM-JCCM), Albacete, Spain

Functional and Fertility Outcomes of Two Milk-Based Extenders for Short-Term Storage of Ram Semen at 15°C (RDA e70289)

S. Crespo, J. Gadea, CEFUSA and University of Murcia, Murcia, Spain

Pre-Weaning Administration of a PGF2 α Analogue (Cloprostenol) and Its Influence on Early Reproductive Indicators in Sows Under Commercial Farm Conditions (RDA e70290)

M. Iniesta-Cuerda, C. Vidal-García, J. Nevoral, Charles University, Faculty of Medicine in Pilsen, Pilsen, Czech Republic

Paternal SIRT1 Inhibition During Capacitation Imprints Histone 4 Hyperacetylation in Mouse Zygotes and Blastocysts (RDA e70291)

L. Gil, S. Martín, L. Horndler, V. Luño, N. Gonzalez, F. Martinez, University of Zaragoza and Instituto Agroalimentario de Aragón, Zaragoza, Spain

Periparturient Changes in Maternal Body Temperature and Colostrum Physicochemical Characteristics in Rasa Aragonesa Ewes (RDA e70294)

Posters Posters are grouped here by topic, with poster numbers, authors and titles as published in the RDA proceedings.

Extracellular vesicles and reproductive signalling

P20 D. Gascón-Collado; P. Blanco-Cueto; C. Cabrera-Gomez; C.A. Martinez-Serrano

Differential miRNA profile in extracellular vesicles from competent and degenerated in vitro- produced porcine embryos

P35 A. Parra; M. Botía; P. Panales; P. Martinez-Diaz; X. Lucas; I. Barranco; J. Roca

Porcine seminal extracellular vesicles (sEVs) carry testosterone

P36 P. Martínez-Díaz; P. Panales; A. Parra; X. Lucas; J. Roca; I. Barranco

The proteomic profiles of seminal extracellular vesicles could help explain the differences in sperm freezability among porcine ejaculate fractions

P38 J. Catalán; L. Padilla; C. Maside; S. Company; S. Llorens; S. Bonet; M. Yeste; J. Miró

Characterization of the cytokine profile in equine seminal plasma

P42 D. Serrano-Jara; C. Almiñana; I. Agea; M.J. Argente; S. Bauersachs; M.L. García

Postbiotics differentially modulate the miRNA cargo of seminal plasma extracellular vesicles between two rabbit lines divergently selected for litter size variability

P51 G. Ferronato; E. Pericuesta; J. Paz-Garnica; A. Martín-San Juan; E. de Mercado; M. Álvarez-Rodríguez; A. Álvarez- Barrientos; S. Fair; L. Arévalo; B. Fernandez-Fuertes

Effects of heat stress on epididymal EV tRNAs and sperm maturation in bulls

P95 J. Martínez-Hernández; V. Seco-Rovira; E. Beltrán-Frutos; J.F. Madrid; S. Bonet; M. Yeste; D. Salmeron-Martínez; L.M. Pastor

Classification of extracellular vesicles inside apical blebs of the boar epididymis: a preliminary morphological study

Embryo development and reproductive technologies

P10 C. Irala; V. Gorleri; M. Yauri-Felipe; F. Allegroni; C. Ciampi; A. Colabelli; M. Albornoz; R. Fernández-Martín; L.D. Picotto; D.F. Salamone

Female bovine in vitro twin embryos produced with sex-sorted semen do not display reduced trophectoderm cell numbers compared with controls

P26 N. Martínez de los Reyes; C. Castaño; A. Toledano-Díaz; E. Alba; A. Siegmund-Sabater; P. Marigorta; S. Villaverde-Morcillo; P. Ramos-Ibeas; J. Santiago-Moreno; P. Bermejo-Álvarez

Live offspring following transfer of in vitro- fertilized Iberian ibex (*Capra pyrenaica*) embryos

P27 I. Flores-Borobia; B. Galiano-Gogolludo; C. Irala; P. Ramos Ibeas; P. Bermejo-Álvarez

Combined TEAD3 and TEAD4 ablation reduces blastocyst formation in cattle

P33 J.G. Hamze; P. Lonergan; J. Peña; P. Graván; J.A. Marchal; M. Hernández-Valladares; M. Jiménez-Movilla

Identification of membrane proteins and candidate biomarkers of bovine zygotes

P47 P. Marigorta; N. Martínez de los Reyes; A. Siegmund-Sabater; M. Carvajal-Serna; P. Bermejo-Álvarez; P. Ramos-Ibeas

Influence of vitrification media and hatching status on post-hatching embryo development after vitrification of biopsied ovine blastocysts

P58 M. Torregrosa-Fuentes; M. Garcia-Canovas; A. Lopez- Jara; I. Parrilla; E.A. Martinez; M.A. Gil; C. Cuello

Evaluation of the SOPS and modified Cryotop systems for the vitrification of in vitro-produced porcine blastocysts

P64 S. Fuentes-Ibáñez; A. Sierra-Toral; E. Liébana; J.C. Domínguez; F. Martínez-Pastor

Embryo status (fresh or cryopreserved) and developmental stage affect pregnancy rate after embryo transfer into recipient holstein heifers

P76 A. González-Plaza; J. Lamy; A. de Wit; C.O. Kristiansen; A. Arnesveen; E.D. Ellen; L. Zak; R. Jochems
Evaluation of mathematical modelling-based warming protocols for vitrified in vitro produced porcine blastocysts

P78 R. Mazzarella; Y.N. Cajas; K. Cañón-Beltrán; C.A. Martinez-Serrano; L.V.S. Ñaupas; H. Rodriguez- Martinez; M.B. Rabaglino; E. González; D. Rizos

Integrated functional and transcriptomic analysis of miR-483-3p impact on lipid metabolism and mitochondrial function in bovine blastocysts

P80 A. Lopez-Jara; M. Garcia-Canovas; H. Gonzalez-Ramiro; C.G. Cabrera-Gomez; D. Gascon-Collado; P. Blanco-Cueto; M.A. Gil; C. Cuello; I. Parrilla; E.A. Martinez; H. Rodriguez-Martinez; C.A. Martinez-Serrano

Improved transferable embryo production and developmental synchrony after hCG-free superovulation in weaned sows

P82 M. Veza-Cuenca; L. Pariente-Martín; Ú. Álvarez; G. García-Blanco; E. Fernández-Alegre; R. Ausejo; E. Lacalle; C. Arenas-Fernández; P. Morán-Morán; B. Martín-Fernández; M. Lores; F. Martínez-Pastor

Pre-treatment of pig spermatozoa with grape marc and blueberry pomace extracts improves monospermia in in vitro fertilization

Oocytes, ovarian tissue and organoid models

P16 M. Gargallo-Alonso; P. Chueca; L. Pancorbo; M. Royo; A. Ibañez; C. Malo

Biocompatibility assessment of materials for ovarian tissue microfluidic device development

P17 S. Navarro-Serna; D. Jordán-Rodríguez; J. Fernández- González; P. L. Lorenzo; R. M. García-García; M. Arias-Álvarez

Oxidative stress modeling and quercetin antioxidant effects in rabbit oviductal and uterine organoids

P25 M. Arias-Álvarez; L. González-Brusi; S. Navarro-Serna; I. Flores-Borobia; D. Jordán-Rodríguez; A. Vicente-Carrillo; P.G. Rebollar; P.L. Lorenzo; P. Bermejo-Álvarez; R.M. García-García

Quercetin supplementation modulates cumulus cell transcriptome and supports protection against pre-existing oxidative stress in adult rabbit oocytes

P40 A. Priego González; M.J. Sánchez-Calabuig

Effect of domestic cat oocyte storage on IVF and ICSI in vitro produced embryos

P50 M. Luis-Calero; M.P. Soriano-Campos; C.C. Muñoz-García; A. Gutiérrez-Adán; R. Fernández-González; L. González- Fernández; B. Macías-García

Impact of addition of follicular fluid secretome during in vitro maturation on pregnancy outcomes in equine embryos produced by ICSI

P54 M. Vila-Lloveras; E. Pinart; M. Yeste; A. Delgado-Bermúdez

Na⁺/Ca²⁺ Exchangers regulate the in vitro maturation of pig oocytes

P61 C.G. Cabrera-Gómez; D. Gascón-Collado; P. Blanco- Cueto; B. Pequeño; H. Rodríguez-Martínez; Cristina A. Martínez-Serrano

Aberrant activation of WNT signaling during in vitro maturation of porcine oocytes

P66 M.G. Millán de la Blanca; G. dos Santos; C. Núñez-Puente; M.B. Rabaglino; S. Guisado-Egido; B. Fernandez-Fuertes; M.E. González; D. Rizos

Distribution of ciliated cells in region-specific bovine oviductal organoids under hormonal treatment

P67 S. Guisado-Egido; L.V.S. Ñaupas; A.C. Jiménez; R.H. Celiz; M.G. Millán de la Blanca; G. dos Santos; M.E. Gonzalez; D. Rizos

Estrous cycle stage influences morphological and secretory features of bovine endometrial organoids

P68 L.V.S. Ñaupas; S. Guisado-Egido; R.H. Celiz; A.F. Bezerra; A.C. Jiménez; A.P.R. Rodrigues; M.E. González; D. Rizos

Ovarian tissue vitrification and its impact on 3D culture of bovine stromal cells

P69 G. dos Santos; M.G. Millán de la Blanca; L.V.S. Ñaupas; S.S. Guisado-Egido; M. E. González; L. Abril-Parreño; D. Rizos

Slow-freezing cryopreservation preserves viability and proliferative capacity in bovine oviductal isthmus organoids

P70 A. Siegmund-Sabater; S. Navarro-Serna; N. Martínez de los Reyes; P. Marigorta; P. Bermejo-Álvarez; V. Pérez-García; P. Ramos-Ibeas

Integration of polarity-reversed endometrial organoids from pregnant ewes into a post-hatching embryo culture system

Female reproductive physiology and clinical reproduction

P1 V.H. Parraguez; G. Ruiz; O.A. Peralta; A. Carrasco; C. Sandoval; F. Scala; X. Torres; M. Araya; A. González-Bulnes; F. Sales

Role of the intrauterine hormonal environment and fetal muscle mTOR expression in birth weight in ovine twin pregnancies of different sexes: effects of nutritional plane and antioxidant supplementation

P12 V. Alvear; I. Yáñez-Ortiz

The use of recombinant human chorionic gonadotropin (rehCG) shortens the time to ovulation in mares

P15 L. Travaillard; N. Guillén; J.A. Abecia; C. Sosa

Melatonin influences signaling pathways in ovine endometrial stromal cells

P18 M. Leal; E. Silva; J. Alpoim-Moreira; M.R. Rebordão; A. Szóstek-Mioduchowska; D.J. Skarzynski; G. Ferreira-Dias

Histone H4 hypoacetylation as a potential epigenetic hallmark of equine endometrosis

P22 J.J. Castillo; J.S. Vicente; F. Marco-Jiménez; L. Lorenzo-Rebenaque; M.P. Viudes-de-Castro

Contribution of alfa-adrenergic receptors to rabbit ovulation

P41 F. Martínez; K. Hammad; N. González; L. Gil; V. Luño

Effect of immunological quality on microbiological characteristics of sheep colostrum

P48 A. Amaral; M. Cerveira-Pinto; N. Gomes; A. Szóstek-Mioduchowska; D. Skarzynski; G. Ferreira-Dias

Noscapine attenuates elastase-induced TGF- β signaling in equine endometrial explants

P49 A. Occón; J. Sánchez-Osorio; J. García

Effect of the female individual birth weight intra-litter variation on the prolificacy of sows at the first parity

P53 N. Galrito-Cebola; M. Cerveira-Pinto; N. Gomes; A. Sadowska; K. Piotrowska-Tomala; A. Jesus; A. Szóstek-Mioduchowska; A. Amaral

Differential expression of p75NTR in the equine endometrium during the follicular phase across categories of histopathological lesions

P57 C. Ortega Ferrusola; E. da Silva-Álvarez; F. Correa-Fiz; F.E. Martín-Cano; L. Becerro-Rey; C. Zabalo-Palomo; J. Rey; F.J. Peña; J.M. Alonso

Endometrial cytological severity is associated with uterine microbiota dysbiosis in mares

P59 C. Zabalo-Palomo; E. da Silva-Álvarez; L. Becerro-Rey; F.E. Martín-Cano; D. Risco; J.M. Alonso; M. Gil-Molino; A. Carrero-Leo; F.J. Peña; C. Ortega-Ferrusola

Improving detection of low-abundance bacteria in equine uterine samples

P60 S. Company; S. Llorens; I. Yáñez-Ortiz; J. Catalán; J. Miró

Seminal plasma modulates extracellular ROS kinetics in donkey neutrophils and eosinophils: implications for the uterine reproductive environment

P73 E. da Silva; F. Correa; F.E. Martín; L. Becerro; C. Zabalo; J. Rey; F.J. Peña; J. Alonso; C. Ortega

Uterine microbiota dynamics in mares with acute and chronic *Streptococcus* spp. endometritis

P90 V. Díez-Zavala; S. Borragán; P. Manrique-Revuelta; R. Montes-Garrido; M. Neila-Montero; C. Palacin-Martínez; P. Morán-Morán; V. Contreras-Santamaria; D. Ramírez-González; L. Anel-López; L. Anel; M. Alvarez

Can lactation affect effectiveness of anti-GNRH vaccination in female brown bears (*Ursus arctos*)?

P91 A.M. Garrido; O. Mitjana; I.G. Anillo; A. Ramos; M. Falceto; B. Moreno

Reproductive tract pathology in non-traditional companion animals: a retrospective study of 45 cases

Genetics, molecular mechanisms, sperm function and spermatogenesis

P2 P. Pagès; D. Puértolas; E. Pinart; M. Yeste; K. Nowicka-Bauer

The Store-Operated Calcium Entry (SOCE) mechanism may regulate the response of porcine sperm to in vitro capacitation

P19 Y. Adorni; M. Salgado; A. Roa; E. Hernández; M. Martínez

Effect of progesterone on sperm physiology in the Mexican mountain lizard *Sceloporus torquatus*

P29 M. Hernández-Falcó; L. Junquera-Candela; L. Robles- Gómez; P. Sáez-Espinosa; M.J. Gómez-Torres

Field Emission Scanning Electron Microscopy (FE-SEM) mapping of TMEM95 during capacitation and the acrosome reaction in Pietrain pig spermatozoa

P34 L. Llobet; A. Hernandez-Pérez; V. Peña-Delgado; A. Laviña; A. Macías; J.A. Abecia; R. Pérez-Pe; A. Casao

The MTNR1B rs420236106 polymorphism as a marker for high-fertility rams

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