



LISTA FINAL POSTERS

17º CONGRESO INTERNACIONAL DE AERA
17-19 octubre, Madrid

POSTER SESSION A: P1-P51

POSTER SESSION B: P53-P103

P1	Assessing the antimicrobial effects of <i>Syzygium aromaticum</i> and <i>Origanum vulgare</i> on seminal doses in rabbit: a move towards antibiotic alternatives	Marco-Jiménez et al.
P2	Effect of resveratrol supplementation in freezing and vitrification media on cryosurvival of dog epididymal spermatozoa	Galarza et al.
P3	Effect of in vitro capacitation- related ions challenge on membrane and acrosome integrity in boar semen	Nieto-Cristobal et al.
P4	Oxidative status after inclusion of the ROS - inductor (H ₂ O ₂) on the boar sperm thawing extender	De Mercado et al.
P5	Reproductive outcomes in a dairy farm: Insights from a five-year retrospective study on the utilization of sexed semen and embryo transfer techniques	Muñoz et al.
P6	Identification and distribution of Na ⁺ /Ca ²⁺ exchangers in pig sperm	Yeste et al.
P7	Suitability of GRAS vehicles for supplementing sturgeon, poultry, bull, and pig semen extenders with natural extracts obtained sustainably	Lacalle et al.
P8	Expression and location of androgen receptor in spermatozoa of domestic and wild ruminants	Alba et al.
P9	Histological findings in testes of baboons (<i>Papio spp</i>) subject to repeated immunization against GnRH	Martínez-Nevado et al.
P10	A comparative study of “Asturiana de los Valles” and Holstein breeds on semen cryopreservation using 4-h and 24-h equilibration times	Salman et al.
P11	TMEM95 protein migration in Pietrain pigs	Hernández-Falcó et al.
P12	Evidence of multicentric lymphoma in buffaloes (case report)	Pacheco et al.
P13	Histomorphometry as an objective tool to establish differences between the endometrium of mares and jennies	Vallejo-Soto et al.
P14	Extension effect of three commercial extenders on boar sperm kinematics and sperm integrity	Miguel-Jiménez et al.
P15	Embryo yield in dairy cattle after superovulation with different batches of purified porcine pituitary extracts	Fuentes et al.
P16	Optimizing lipofection in pig oocytes to produce genetically modified embryos: Towards PRRS virus resistance	Piñeiro-Silva and Gadea
P17	Production of reactive oxygen species during cryopreservation is related to the fertilizing capacity of frozen-thawed bovine sperm	Tamargo et al.
P18	Effect of the hygienic conditions during boar ejaculate handling in the laboratory on semen dose contamination	De la Cruz-Vigo et al.
P19	Reproductive implications of reciprocal translocations in pigs based on chromosomal rearrangement structure and morphology	Martín-Lluch et al.
P20	Isolation and characterization of ovine endometrial glandular cells from pregnant ewes during conceptus elongation	Martínez de los Reyes et al.



P21	RAR - Related Orphan Receptor alpha (RORα) is dispensable for ovine blastocyst development, but plays a role in hypoblast migration	Carvajal-Serna et al.
P22	M540/PNA staining for the evaluation of ram sperm capacitation by flow cytometry	Casao et al.
P23	Differences in plasma concentrations of prolactin between pure and hybrid red legged partridges are associated to egg- laying	Velázquez et al.
P24	Novel approach to in vitro cultivation of mouse testis organoids	Martínez Prior et al.
P25	Moderate maternal food restriction in rabbits induces changes in the placental expression of genes related to placental efficiency and fetal development	Arias-Álvarez et al.
P26	Effect of intrafollicular administration of PGE2 and PGF2α on ovulation and progesterone secretion in the mare	Martínez-Bovi et al.
P27	Administration of llama Nerve Growth Factor β (β- NGF) and luteal quality in postpartum sheep	Lafourcade et al.
P28	Freezing extender does not affect sperm motility but modifies sperm kinematic patterns in frozen-thawed Pura Raza Española Stallions	Peña et al.
P29	Zona pellucida specie- specific recognition and penetration depends on oviductin in mammals	De la Fuente et al.
P30	TEAD4 is dispensable for rabbit trophectoderm differentiation and blastocyst formation	Flores-Borobia et al.
P31	Transcriptional analysis of TEAD4 KO bovine blastocysts	González-Brusi et al.
P32	Comparison of oocyte recovery rates by ultrasound- guided follicle aspiration in horse post- mortem excised ovaries and live mares	Sala-Ayala et al.
P33	Embryo growth and survival 24 h after transfer in different endometrial environments in the mare	Cuervo-Arango et al.
P34	Plasma concentrations of prolactin are not associated with breeding activity in Western capercaillie (<i>Tetrao urogallus</i>)	Siegmund Sabater et al.
P35	Study of body temperature as a method for estrus detection in iberian sows	Gómez-Fidalgo et al.
P36	Identification of proteins related to embryo development in uterine extracellular vesicles from heifers on day 7 of the oestrous cycle/pregnancy	Mazzarella et al.
P37	Comparison of fluorescent stains to assess membrane integrity by flow cytometry in goat spermatozoa	Martínez-Rodrigo et al.
P38	Addition of seminal plasma to goat buck sperm doses after thawing: Friend or foe?	Esteve et al.
P39	Cryopreservation impact on bovine ovarian cortex: Morphological and functional analysis of preantral follicles	Romero et al.
P40	Comparison of four antioxidants on chilled ram semen kept at 15°C for 48 hours	Noya et al.
P41	Effect of heat stress on sperm quality parameters in rabbits	Gacem et al.
P42	Extracellular vesicles supplementation of follicular fluid on prepubertal sheep ovarian tissue gene expression patterns	Cajas et al.
P43	Sensible and selective analytical methodology by LC/MS-MS for the determination of 8OHdG and 2dG in ram seminal plasma (<i>Ovis aries</i>)	Alfaro-Gómez et al.
P44	Changes in melatonin levels in ram seminal plasma depending on genotype and age	Peña et al.
P45	Use of trehalose and epigallocatechin- gallate on stallion sperm freeze- drying	Luño et al.
P46	Effect of mare parity status on the uterine proteome	Herrera-García et al.
P47	Impact of extracellular vesicles supplementation of follicular fluid on sheep ovarian tissue gene expression patterns	Cañón-Beltrán et al.



P48	Supplementation of in vitro maturation medium with extracellular vesicles from follicular fluid: Implications for spindle morphology after vitrification/warming of in vitro matured bovine oocytes	Diaz-Muñoz et al.
P49	Timing of ovulation in gilts and sows with hyperprolific genetics	Sánchez-Sánchez et al.
P50	Effect of the dimensions of the comb of hens on roosters sperm variables	Castaño et al.
P51	Role of H ₂ S on male reproduction in domestic and wild small ruminants: Novel approach for improving sperm quality	De Sousa-Blanco et al.
P52	Interleukin-6 supplementation during in vitro maturation enhances the developmental competence of porcine oocytes	García-Cánovas et al.
P53	Modifications in the microRNA transcriptome of pig embryos after vitrification	Cuello et al.
P54	Exploring semen quality in TPC2 knockout boars: Implications for sperm motility and viability	Quintero-Moreno et al.
P55	Effect of photoperiod on boar reproductive performance	Gómez-Fidalgo et al.
P56	Is it possible to perform a delayed sperm quality analysis in brown bear (<i>Ursus arctos</i>) using fixable fluorescent dyes?	Neila-Montero et al.
P57	Protein transmembrane 95 as a novel biomarker of oocyte-sperm union in ram sperm	Palacín-Martínez et al.
P58	Determination of foetal parameters aiming to estimate the foetal age in rasa aragonesa sheep	Mejías et al.
P59	Validation of JUNO -mCherry constructs to study JUNO dynamic localization in porcine species	Hamze et al.
P60	Seasonal pattern of horn growth in the Iberian ibex (<i>Capra pyrenaica</i>) is not modulated by seasonal changes in thyroxine secretion during the transition period from the rutting to the non- rutting season	Rodríguez-Luis et al.
P61	Long-lasting refrigeration of ram spermatozoa reduces the amino acid taurine	Ramírez-González et al.
P62	Assessment of equine semen cooling and preservation systems	Del Real et al.
P63	Sperm traits and spermatogenic activity of common swift (<i>Apus apus</i>)	Villaverde-Morcillo et al.
P64	Evaluation of in vitro fertilizing ability of cryopreserved ram sperm from <i>Xisqueta</i> and <i>Aranesa</i> breeds	Ramos-Ibeas et al.
P65	The growth of the gilts as a factor to optimize the performance of sows at the first parity	Occon et al.
P66	Preovulatory follicular fluid secretome addition during in vitro maturation does not affect cytoplasmic maturity of equine oocytes	Macías-García et al.
P67	Protamine gene expression in hamster species	Sánchez-Rodríguez et al.
P68	Secondary effects associated with sterilisation in the canine specie	Martínez et al.
P69	Effect of different anti- freeze (glyco)proteins on cryotolerance of rooster sperm	Bernal et al.
P70	Incorporation of Curcuma longa as an antioxidative agent in freezing extenders for equine epididymal spermatozoa	González et al.
P71	Methazolamide alters the structure of motile subpopulations in pig sperm	Garriga et al.
P72	Variations of saliva estradiol levels in females of gentoo penguins (<i>Pygoscelis papua</i>) during a breeding season	De la Riva et al.
P73	Na ⁺ /H ⁺ exchanger (NHE11) characterization in rabbit sperm by immunofluorescence	Sáez-Espinosa et al.
P74	Large and small porcine seminal extracellular vesicles have different microRNA profile	Martínez-Díaz et al.



P75	The thickening of the lamina propria of seminiferous tubules in post- puberal boar's cryptorchidism and its histopathological evolution	Seco-Rovira et al.
P76	Relationship between Leydig cells and alteration of associated seminiferous tubules in boar with spontaneous cryptorchidism	Beltrán-Frutos et al.
P77	Transmission and scanning electron microscopy of apical blebs in epididymis of syrian hamster (<i>Mesocricetus auratus</i>)	Martínez-Hernández et al.
P78	Isolation and characterization of extracellular vesicles from donkey seminal plasma	Barranco et al.
P79	Development of murine endometrial assembloids to resemble uterine morphology in vitro	Marinaro et al.
P80	Expression oxytocin receptor in boar reproductive tissues and its effect on sperm capacitation	Martínez-Hernández et al.
P81	The presence of the embryo downregulates transcripts involved in the endometrial immune response in the mare	Da Silva et al.
P82	Comparison of paraoxonase type 1 activity levels in the seminal plasma of donkey and horse	Miró et al.
P83	High glucose disrupts phosphorylation signaling in the stallion spermatozoa	Becerro et al.
P84	CD9 expression differs between small and large horse seminal extracellular vesicles	Catalán et al.
P85	Equine sperm encapsulation: Core- shell capsules optimization	Gil et al.
P86	Quality evaluation of colostrum and milk of sows according to parity and body condition	Garza-Moreno et al.
P87	Proteomic analysis of the mucin coat of rabbit oviductal embryos	Martínez et al.
P88	Preliminary study on testicular volume and sperm production prediction in Assaf rams using Machine Learning	Montes-Garrido et al.
P89	Inhibition of calcineurin with cyclosporine A impairs the resilience of pig sperm to preservation	Delgado-Bermúdez et al.
P90	Placental gene expression response to porcine allogeneic embryos after embryo transfer	Martínez-Serrano et al.
P91	Effect of exogenous hydrogen sulfide (h₂s) supplementation on the dynamics of motile- sperm subpopulations in ram	Iniesta-Cuerda et al.
P92	Evaluation of fertilisation and in vitro embryo culture to study female infertility caused by OVGPI ablation in Golden hamster	Martínez-López et al.
P93	Optimization of a bovine oviduct organoid protocol	Millán de la Blanca et al.
P94	Following reproductive cyclicity in female brown bear (<i>Ursus arctos</i>) using vaginal cytology: A case report	Diez-Zavala et al.
P95	Deletion of Y chromosome Ssty2 repetitions produced alterations in mice sex ratio	Maroto et al.
P96	Effect of different vitrification protocols on sperm quality in bovine semen	Zabala et al.
P97	Exploring acrosomal pH role in the acrosome reaction of pig sperm	Iniesta-Cuerda et al.
P98	Incidence of claw lesions in pregnant sows and its impact on piglets performance at birth	González-Ramiro et al.
P99	Variations in endometrial immune cell profiles between allogeneic and hemi- allogeneic pig pregnancies	Cambra et al.
P100	Seminal extracellular vesicles attenuate mitochondrial activity of porcine spermatozoa	Parra et al.
P101	Global sperm DNA damage assessed by the alkaline comet assay is related to farrowing rates in boars used in artificial insemination programs	Ribas-Maynou et al.



P102	Dynamic localization of IZUMO1 in rabbit sperm	Robles-Gómez et al.
P103	Immunolocalization of rabbit sperm TMEM95 during in vitro capacitation and acrosome reaction	Gómez-Torres et al.