[June 25th, Thursday]

Main Hall (1st Floor)

Category	Poster No.	Title	Presenter
1. Spermatology and sperm quality	A2-1	Bovine sperm synthesizes proteins during capacitation	Saurabh Tiwari
	A2-2	Towards a deeper understanding of mammalian perinatal testes development using a multispecies approach	Lariab Saeed
	A2-3	Effect of excessive sperm DNA damage on oocyte DNA after fertilization	sayu nakamura
	A2-4	Application of Y-scFv Antibody Coupled with Magnetic Microbeads for the Sex Sorting of Stallion Sperm	Marninphan Thongkham
	A2-5	Impaired sperm hyperactivation in low fertility bulls is mediated by calcium channels	Júlia Ibáñez-Princep
	A2-6	Comparison of the glycoprofile of epididymal fluid, seminal plasma, and glycocalyx of epididymal and ejaculated spermatozoa of dromedary camels	Salvatore DESANTIS
	A2-7	Seminal doses storage time compromises the capacitation ability and fertility in boar sperm	Adrián Martín San Juan
	A2-8	Inbreeding affects morphometrics and kinematic traits in stallion sperm: genomic evaluation using a chromosome-level modeling	Sebastián Demyda-Peyrás
	A2-9	Monitoring the Semen Quality of Drone Honey Bees from Native Breeds in the Context of Genetic Resource Conservation	Monika Trzcińska
	A2-10	Is there an influence of the extender on lipid peroxidation in chilled canine semen, with and without seminal plasma ?	Edjalma Rodrigues da Silva-Junior
	A2-11	Testosterone Recovery in Rams Subjected to Testicular Hyperthermia and Treated with Oral Pentoxifylline	Claudio Willian de Oliveira Delfes-Camargo
	A2-12	Relationships of post-thaw semen quality and conception outcomes in Fixed-Time Artificial Insemination of Angus cattle.	Simon de Graaf
	A2-13	The transfer of NAD enzyme to sperm in epididymis is one of the important factors in mouse sperm maturation	Takahiro Yamanaka
	A2-14	Reproductive strategies as an alternative to enhance rabbit production in Mexico	Alicia Alcantar-Rodriguez
	A2-15	Polyadenylation and Translation Sustain Glutathione Synthesis in Boar Sperm to Counteract Oxidative Stress During High-Speed Linear Motility	ENOC NJOROGE WAMBUGU
	A2-16	Inhibition of carbonic anhydrase alters motility and plasma membrane integrity of pig sperm following mid-term storage at 17ºC due to continuous low intracellular pH levels	Joan E. Rodríguez-Gil
	A2-17	RELATIONSHIP BETWEEN CALF PATERNITY SKEWNESS FOLLOWING HETEROSPERMIC INSEMINATION AND ABILITY OF BULL SPERM TO UNDERGO THE ACROSOME REACTION	Rúben Miguel Santos
	A2-18	Reproductive Biotechnologies in Tomcats for Future Application in Wild Felines	Mónica Madrigal-Valverde
	A2-19	Evaluation of native region-specific DNA breaks in bovine sperm	Marc Yeste
	A2-20	Semen Quality Assessment in Native Goose Breeds as a Tool for Biodiversity Preservation	Magdalena Bryła
	A2-21	Roles of TRPC3 in the occurrence of extracellular Ca^{2+}-dependent full-type hyperactivation in boar sperm	Xiaoyu Zheng
2. Male reproductive physiology	A2-22	FROM PRE-IMPLANTATION TO POSTNATAL DEVELOPMENT IN MICE: WHAT DOES INCREASING PATERNAL AGE REVEAL - PRELIMINARY RESULTS	Larissa Araújo Stábile
	A2-23	The effect of heterospermic semen on fertilisation rate in cattle following IVF	Reintje van Wezel
	A2-24	TPC2 gene ablation in pigs is associated with improved sperm progressive motility without changes in antioxidant capacity or in the expression of OPN and PPAR-α.	Manuel Alvarez-Rodriguez
	A2-25	Multi-omics Analysis of Heat Stress–Induced Functional Alterations in the Boar Prostate	Zhendong Zhu
	A2-26	A microfluidic model to study heat stress–induced changes in epididymal extracellular vesicle secretion	Giuliana de A. Ferronato
	A2-27	Validating the use of lamb cryopreserved testicular cells for the generation of spheroid models for reproduction research	Eva Pericuesta
5. Cryobiology of gametes and embryos	A2-28	A simplified vitrification approach for ruminant embryos using a galactose-based solution	Kazuki Takahashi
	A2-29	Monosodium glutamate protects DNA of freeze-dried somatic cells and improves SCNT embryo development	Kosuke Tanaka
	A2-30	Development of a Cryopreservation Method for Retrieving Mouse Blastocysts Developed on the International Space Station to Earth	Miku Ichikawa
	A2-31	Cryopreservation of Ovarian Cortex in Prepubertal Gilts - A Tool for Securing Genetic Diversity Against Emerging Health Threats	Samuel Buff
	A2-32	Functional Preservation of Feline Spermatozoa at Non-freezing Temperatures Can Be Achieved by Microwave Drying and Subsequent Assisted Oocyte Activation Post-Injection	Pei-Chih Lee
	A2-33	Beyond Egg Yolk: Liposome Technology for Improved Ram Sperm Freezing	Elodie Mazenod
	A2-34	Development of a freezing method for embryoid bodies necessary for studying mammalian in vitro oogenesis on the International Space Station	Misaki Ikegawa
	A2-35	Establishing key permeability parameters in equine oocytes to guide future vitrification models	Sonia Gago
	A2-36	Cryosusceptibility of in vitro–derived mouse embryos remains unaffected by maternal prepubertal cyclophosphamide exposure	Satish K Adiga
6. Pregnancy, placental function, and parturition	A2-37	Single-Cell Transcriptomics and Immunohistochemical Analysis Reveal Cellular Heterogeneity, Differentiation, and Endoreplication in Bovine Trophoblast Cells	Ikunori Naito
	A2-38	A possible relation between hydrallantois and fetal umbilical torsion in mares	Hanne Gervi Pedersen
	A2-39	RNA splicing factors regulate differentiation of mouse trophoblast stem cells.	Shunsuke Yaoi
	A2-40	Evaluation of the effects of dexamethasone-based combinations for induction of parturition on mRna expressions of some cervical relaxation related factors in rabbit cervix	Emsal Sinem Ozdemir Salci
	A2-41	Influence of the Vaginal Microbiome on Embryo Transfer Efficiency in Dairy Cows	Jiyeon KIM
	A2-42	Placental Annexin Family Expression and Fetoprotective Effects under Hypertension-like Conditions during Pregnancy: An Investigation in Annexin A5-deficient Rats	Honami Masu
	A2-43	Transcriptomic Remodeling of the Equine Endometrium during Maternal Recognition of Pregnancy	Kirsten Scoggin
	A2-44	Conceptus – derived signals regulate microRNA cargo of bovine uterine extracellular vesicles in a size – dependent manner	Dimitrios Rizos
	A2-45	Validation of birth weight classification for canine neonates and its relationship with placental weight - preliminary results	Thais Gomes Faustino
10. Reproductive pathologies	A2-46	Palmitic acid-induced neutrophils extracellular trap formation induces apoptosis in bovine endometrial tissue	Lei Xie
	A2-47	Exploring Receptor Tyrosine Kinase (RTK) Inhibitors as a Viable Pharmaceutical Approach for the Treatment of Endometriosis	Pierre Ferrer
	A2-48	Retained Fetal Membrane Recovery to Pregnancy in Sri Rejeki Mare : A Case Report	Yonathan A. M. A. Sihotang
	A2-49	DELAYED PREGNANCIES IN DAIRY COWS ARE ASSOCIATED WITH EXCESSIVE BODY CONDITION SCORE (BCS) GAIN DURING LACTATION AND HIGHER BCS LOSS AND SUBCLINICAL KETOSIS AFTER THE SUBSEQUENT CALVING	Ana G. Meikle
11. Reproductive system diseases	A2-50	Comparative metabolomic profiling of blood, endometrial cells, and follicular fluid in grazing dairy cows diagnosed as healthy or with clinical endometritis	Milena Krupa
	A2-51	Acute-phase reactants during the transition period in multiparous Holstein cows as predictors of cytological endometritis	Andres Valdmann
	A2-52	Kinase Signaling Regulates Inflammatory Pathways in Endometriosis-Derived Epithelial Organoids	Baku Nakakita
	A2-53	Immediate and carry-over effects of LPS exposure on luteinizing hormone surge and luteal function in cows.	Misato Kikuzawa
12. Epigenetics in disease	A2-54	Ribosome Biogenesis Inhibition During Preimplantation as a Potential Etiological Insult for Metabolic Syndrome	JANNATUL FERDOUS JHARNA
	A2-55	Endometrial methylome analysis demonstrates conserved global DNA methylation in dairy cows following early postpartum metritis	Muhammad Ans Afzal
14. Environmental toxins on female reproduction	A2-56	MODIFICATIONS OF CELLULAR AND EXTRACELLULAR VESICLE-ASSOCIATED MIRNA EXPRESSION OF OVINE GRANULOSA CELLS EXPOSED TO BISPHENOL A AND BISPHENOL S.	Svetlana Uzbekova
17. Bovine follicle and CL	A2-57	Innovative approaches to improve bovine fertility: Intraovarian Administration of Autologous Platelet-Rich Plasma (PRP) Stimulates Early Follicular Development in Cattle	Jin Kobayashi
	A2-58	Possible roles of LH in TGF-β1-induced luteal cell death in bovine corpus luteum	Mayumi Nadao
	A2-59	Impact of mastitis on corpus luteum transcriptomics in dairy cows experiencing pregnancy loss	Rodolfo Luzbel de la Sota
	A2-60	Incomplete Early Luteal Synchronization Reflected by Day 7 Progesterone Levels Predicts Pregnancy Outcomes in Hanwoo ET Recipients	Doyoon Kim
	A2-61	Formation of bovine ovarian stromal organoids: Optimization of culture methods and cell density	Lucy V.S. Ñaupas
	A2-62	VALIDATION OF FOLLICLE DIAMETER DETERMINATION FROM LATE ANTRAL FOLLICLES USING A FOLLICULAR FLUID WEIGHT-BASED EQUATION IN CATTLE	Juan Carlos Gutiérrez Añez
19. Bovine IVP and ART	A2-63	TLR2 activation in sex-sorted sperm improves the developmental competence of in vitro fertilized bovine embryos	Taiyo Hashimoto
	A2-64	Survival and elongation of bovine in vitro produced embryos is not impacted by cryopreservation	Ana Clara Canto Souza
	A2-65	Establishment of gene expression profiling and genomic selection system of bovine IVF embryos obtained from the blastomere separation at 2-cell stage	Ken Sawai
	A2-66	Assessment of the origin of aneuploidy in bovine early embryos: in vitro maturation of the oocytes, polyspermy or error during the first division?	Amelie Bonnet-Garnier
	A2-67	A simple embryo sex determination assay in cattle using recombinase polymerase amplification with CRISPR-Cas12a	Christopher G. Grupen
	A2-68	Improvement of low-quality in vivo-derived bovine embryos by short-term in vitro culture and zona pellucida incision	Tomas J. Acosta
	A2-69	COMPARISON OF BLASTOCYST DEVELOPMENT AND CALL RATE PER INDIVIDUAL FOLLOWING THREE BLASTOMERE SEPARATION METHODS USING IN VITRO-PRODUCED EMBRYOS OF JAPANESE BLACK CATTLE	Hajime Yoshioka
	A2-70	CRISPR/Cas9-Mediated Knockout of LGALS3 Suggests Non-Essential Role in Bovine Blastocyst Development	Jane Kennedy
	A2-71	CRISPR/Cas9 Mediated Disruption of Bovine Embryo Galectin-1	Katie Peterson
	A2-72	Germinal vesicle stage distribution and maturation progression after prematuration with butyrolactone I for different periods of time	Cláudia LV Leal
	A2-73	Pregnancy-specific protein B concentrations, presumptive conceptus attachment, and fetal crown rump length of pregnancies from multiparous Holstein cows inseminated with or transferred a fresh embryo derived from conventional, sexed X, or sexed Y semen	Megan R Lauber
	A2-74	Comparative Analysis of OPU Efficiency According to Aspiration Pressure During Mild- Follicle Stimulating Hormone Treatment in beef cow	Lee Hyeon ho
	A2-75	SEMINAL PLASMA AND SEMEN EXTENDER INDUCE A MILD INFLAMMATION MAINLY VIA TLR2 TO REGULATE ENDOMETRIAL RECEPTIVITY	Ihshan Akthar
	A2-76	TLR2 ACTIVATION IN WAGYU JAPANESE BLACK SPERM ENHANCES CROSSBRED EMBRYO DEVELOPMENT WITH MAINTAINING CRYO-TOLERANCE	Yu Matsuzawa
	A2-77	Optimizing Energy Substrate Availability to Improve Bovine Sperm Recovery and Function After Energy Restriction	Maria Gracia Gervasi
	A2-78	VERIFICATION AND OPTIMIZATION OF MULTIPLE OVULATION AND EMBRYO TRANSFER (MOET) TECHNIQUES FOR THE PRODUCTION OF PUREBRED WAGYU IN THE PHILIPPINES	Danilda Hufana Duran
	A2-79	Training and validation of a deep-learning AI algorithm for improved selection of bovine IVP embryos imaged under time-lapse videography prior to transfer	Margot L Day
	A3-61	Is the use of sexed semen in the first two postpartum inseminations economically viable in small dairy farms?	Mauricio Ribeiro do Valle
20. Clinical technology in bovine reproduction	A2-80	INNOVATIVE APPROACHES TO IMPROVE BOVINE FERTILITY: TRANSVAGINAL OVARIAN STIMULATION DEVICE USING A MICRONEEDLE ARRAY	Masashi IKEUCHI
	A2-81	Innovative approaches to improve bovine fertility: Freeze-Dried Platelet-Rich Plasma Enhances Granulosa Cell Proliferation	Yuka Tanaka
	A2-82	Dynamics of Cervical Cytokines and Polymorphonuclear Neutrophils as Indicators of Cervical Ripening in Holstein Dairy Cows	Takuto Hashiguchi
	A2-83	Successful Production of Cloned Calves from Freeze-Dried Bovine Somatic Cells	Kyoka Sera
21. Buffalo reproduction	A2-84	Multiplex CRISPR/Cas9 Editing of BLG and MSTN Genes in Buffalo Embryos	Priyanka Singh
	A2-85	EXPOSURE OF SEASONALLY ANESTROUS BUFFALOES TO INJECTABLE PROGESTERONE PRIOR TO THE OVSYNCH PROTOCOL	Nelcio A.T. Carvalho
24. Camelid reproduction	A2-86	Preliminary study: Effect of GnRH and oxytocin administration on seminal characteristics in alpaca males (Vicugna pacos)	Farid Vasquez
	A2-87	Superovulation of dromedary camels with two injections of Stimufol dissolved in 5% hyaluronan solution	Manjunatha Bodhaganahalli
25. Male horse reproduction	A2-88	SEASONAL, AGE-RELATED, AND FERTILITY-ASSOCIATED DYNAMICS OF SERUM INSULIN-LIKE PEPTIDE 3 AND ANTI-MÜLLERIAN HORMONE CONCENTRATIONS IN BREEDING STALLIONS	Siriwardana Tharinda Dhilshan
	A2-89	AMBIENT HEAT ASSOCIATED SUBFERTILITY AND OXIDATIVE STRESS IN STALLIONS IN HUNTER VALLEY, AUSTRALIA	Muhammad Yaseen
	A2-90	EVALUATION OF MEDIA AND CAPACITATING AGENTS TO ENHANCE SPERM CAPACITATION FOR EQUINE IVF	Afshin Seifi Jamadi
28. Reproduction of exotic animals and wild species	A2-91	Cryopreservation of greater rhea (Rhea americana) testicular fragments using different techniques	Herlon V. R. Silva
	A2-92	Heterologous in vitro fertilization for evaluation of collared peccary sperm in medium supplemented with a capacitating agent	Alexsandra Fernandes Pereira
	A2-93	Ovulation synchronization and fixed-time artificial insemination in bison	Sergio E Pezo
	A2-94	Annual Reproductive Hormonal Profile of Captive Female Sea Turtles in the Gulf of Thailand and Andaman Coast	kanittha phetudomsinsuk
	A2-95	PMSG concentration-dependent regulation of litter size following nonsurgical artificial insemination with cryopreserved spermatozoa in Alexandromys montebelli, Japanese grass vole.	Konosuke Okada
	A2-96	The case of consecutive trial of transvaginal artificial insemination and ovulation induction to assist the reproduction in one naturally mating polar bear pair.	Yojiro Yanagawa
	A2-97	New approach to evaluate the genetic contribution of a semen bank for wild species	janaina Torres Carreira
	A2-98	Transcriptional and evolutionary insight into the postcopulatory oviductal response in a wild-derived house mouse strain	Beatriz Fernández-Fuertes
29. Food animal (avian/fish) reproduction	A2-99	Sodium alginate enhances viscosity of cryopreserved chicken sperm for artificial insemination	Hsiu-Lien Herbie Lin
	A2-100	Integrin signaling regulates undifferentiated states of chicken PGCs in vitro	Kennosuke Ichikawa
	A2-101	Sterile Donor + Sterile Recipient Leads to a Fertile Surrogate That Produces Sterile Progeny	Kei Takayanagi

Corridor (2nd Floor)

Category	Poster No.	Title	Presenter
7. Nutrition and reproduction	B2-1	Evaluation of Polyphenol Antioxidant Feed Supplement Effect on Reducing Postpartum Stress in Dairy Cows	Audrone Rekesiute
	B2-2	The relationship between periparturient nutrition, genital diseases, and subsequent conception in dairy cows through continuous, multifaceted monitoring	Daisuke Kondo
	B2-3	Effect of rumen-protected methionine supplementation on plasma methionine concentration and endometrial solute carrier gene expression in beef heifers	Angela M Gonella-Diaza
	B2-4	The modulation of uterine function and early embryonic development by maternal dietary supplementation	Felipe Alves Correa Carvalho da Silva
	B2-5	The effects of consuming storm-tossed kelp (Laminariaceae, Fucaceae) supplements on pregnant beef heifer corpora lutea	David Barrett
	B2-6	Temporal Changes in Follicular Fluid and Plasma Metabolome of Nutrient-Restricted Beef Cows	Abigayle Pollock
	B2-7	Effect of Animal Welfare on the Reproductive Performance of Extensive Pasture-Based Beef Cows in New Zealand	Yolande Baby Kaurivi
9. Reproductive physiology	B2-8	Uterine Electromyographic Patterns in Ewes: Induced vs. Spontaneous Estrous Cycles	Théo Prudhomme
	B2-9	β-hydroxybutyrate alters expression of interferon-stimulated genes in bovine endometrial explants	Graciana R. Mendina
	B2-10	Mucuna pruriens seeds extract ameliorates the stress markers, hormones and testicular histology in male albino rats	Muhammad Riaz
	B2-11	Comparative Insights into Endometrial Remodelling: Conserved Mechanisms Between Marsupials and Eutherians	Jennifer C Hutchison
	B2-12	Effect of temporal appearance of mononuclear cells in endometrium during early postpartum period on long term reproductive performance in lactating Holstein dairy cows	Ryotaro Miura
	B2-13	Establishment of Canine Endometrial Organoids and Their Functional Responses to Estrogen and Progesterone	Jae-Yoon Choi
	B2-14	Effect of ECEGON administration alone or combined (ECEGON+ENZAPROST RTU) to improve corpus luteum function in beef cattle	Julian Enrique Jaeschke
	B2-15	Effect of D-Cloprostenol (ENZAPROST DC) administration alone or combine eCG+D-CLOPROSTENOL (ECEGON+ENZAPROST RTU) to induce luteolysis in beef cattle	Gustave Decuadro hansen
	B2-16	Post-Calving Negative Energy Balance Status Affects Follicular Extracellular Vesicles-miRNA Profiles	Juliana Germano Ferst
	B2-17	Complex analysis to characterize long-term infertility Holstein cows	Sayo Suzuki
	B2-18	The investigation about the possible role of nobiletin to improve uterine dysfunction	Yui Kitagawa
	B2-19	Possible essential roles of intrauterine environment and microbiota in bovine fertility	Sayoko Oishi
	B2-20	Annexin A5 Deficiency Impairs Postnatal Growth during Lactation in Rats	Ryota Terashima
	B2-21	Can Granulosa Cells Derived Extracellular Vesicles (GCDEVs) modulate bovine sperm functionality?	Aneta Andronowska
	B2-22	Changes in the expression of Ras family and its regulators in porcine oocytes and cumulus cells during hormone-induced maturation	Hyeonseo Song
13. Environmental stress and animal reproduction	B2-23	Influence of Light Spectrum on Semen Quality Parameters in Boars	Maria J Martinez-Alborcia
	B2-24	Comparison of Immunization Response by First and Second Vaccinations of Lumpy skin disease in beef cows	Mirae Kim
	B2-25	Analysis of acute phase immune response and reproductive performance after Lumpyskin disease vaccination in Hanwoo cows	Jisu Kim
	B2-26	NEGATIVE ENERGY BALANCE-INDUCED METABOLIC STRESS COMPROMISES EPIGENETIC REGULATION AND OOCYTE QUALITY IN BOVINE	Ana Beatriz Florencio da Silva
	B2-27	Relationship among Temperature Humidity Index, stress biomarkers, and conception rates in Holstein cattle in Hokkaido, Japan	Rodrigo H. Kawabata
	B2-28	Metabolic fingerprinting of neonatal calves: exploring early-life markers for lifetime performance in dairy cattle.	Manon Dewulf
	B2-29	Introducing slick mutation in American herds using artificial insemination with gene edited semen	Lucas Branco
	B2-30	Impact of Scrotal Hyperthermia on Semen Quality and Thermotolerance Phenotypes in tropically-adapted Morada Nova Rams In the Northeast of Brazil	DENISE DAMASCENO GUERREIRO
	B2-31	Association of thermal stress with oxidative status and extracellular vesicle-derived microRNAs in follicular fluid and oocyte developmental competence of beef cattle	Kotaro Miki
22. Reproduction in sheep and goats	B2-32	PROTEOMICS OF RAM SEMINAL PLASMA IMMEDIATELY AFTER TESTICULAR HEAT STRESS	Eunice Oba
	B2-33	CAPACITATION IN FROZEN-THAWED RAM SPERM IS MODULATED BY H2S	Maria de Sousa-Blanco
	B2-34	TRACKING VOLATILOME CHANGES IN EWES ACROSS THE ESTROUS CYCLE: PRELIMINARY FINDINGS USING HORMONAL ESTRUS SYNCHRONIZATION	Rosaura Pérez-Pe
	B2-35	Phenotypic variation in female caprine XX/XY hematopoietic chimeras	Adamarys Ruelas
	B2-36	Optimising Semen DNA Extraction Method for quantification of X and Y chromosome-bearing spermatozoa	NUTTIYA SAENGRUANG
	B2-37	Stage-Specific Expression of Estrogen Receptor and Prostaglandin Receptor in the Goat Cervix	Sayamon Srisuwatanasagul
	B2-38	Anti-Müllerian Hormone as a predictor of ovarian response and embryo recovery in several autochthonous sheep breeds submitted to different superovulatory treatments	Belén Lahoz
	B2-39	Preliminary study on the prediction of testicular measures and sperm quality of Assaf rams using machine learning and explainable artificial intelligence	Rafael Montes-Garrido
23. Pig reproduction	B2-40	Immunoregulatory role of omentin-1 in TNFα signalling in the porcine endometrium during the oestrous cycle and early pregnancy: an in vitro study	Marta Kiezun
	B2-41	IRISIN MODULATES MULTIPLE INTRACELLULAR SIGNALLING PATHWAYS IN PORCINE ANTERIOR PITUITARY CELLS	Nina Smolińska
	B2-42	Phoenixin–GPR173 presence in porcine endometrium and conceptuses - implications for peri-implantation success	Agata Zmijewska
	B2-43	Seasonal effect on the Weaning to estrus interval in Winter: A case report from a Finnish farm	Stefan Björkman
	B2-44	Generation of CD163 knockout pigs and establishment of their organoids	Beomjin Jeon
	B2-45	Beneficial Effects of Poloxamer 188 and OptiPrep Density Gradient Centrifugation on Gonocyte Isolation from Neonatal Porcine Testes	YUJI TAKAGI
	B2-46	Transcriptomic dynamics of the oocyte-to-zygote transition during in vitro fertilization in pigs	David Gascón-Collado
	B2-47	OPTIMIZATION OF EMBRYO RECOVERY IN PIGS: EVALUATION OF UTERINEFLUSHING REGIONS AND GENITAL ADHESIONS	Sachiko Egawa
	B2-48	Adeno-associated virus vector-mediated delivery of base editors into porcine zygotes to induce a pathology-related point mutation in the Ornithine Transcarbamylase gene	Suong Thi Nguyen
	B2-49	Efficient Introduction of LHON-Associated ND1 Mutations into Porcine Embryos via Optimized DdCBEs	Younglim Jeon
	B2-50	Trials to identify factors associated with reduced embryo viability following multiplex gene editing in pigs	Yuichiro Nakayama
	B2-51	Production of CD163 Knockout Pigs by Nonsurgical Deep Uterine Embryo Transfer	Hyunsung Jang
	B2-52	Nesfatin-1 protein concentration in the porcine hypothalamic–pituitary–ovarian axis during the oestrous cycle	Ewa Zaobidna
	B2-53	Regulation of ras signaling in porcine embryos derived from oocytes matured with gonadotropins and growth factor	Minyoung Son
26. Female horse reproduction	B2-54	EVALUATION OF UTERINE RESPONSE IN SEASONAL ANESTROUS MARES TREATED WITH ORAL CLOMIPHENE CITRATE COMPARED TO 17β-ESTRADIOL: A PROMISING FUTURE	Tiago Troncarelli
	B2-55	Intraovarian injection of autologous platelet-rich plasma in mares: safety and effects on ovulation and pregnancy rates	Amber E Hampton
	B2-56	An organoid-derived model of equine placentitis reveals divergent early host responses to Streptococcus zooepidemicus and E. coli	Margo H Verstraete
	B2-57	IMPACT OF PREMATURITY ON WEIGHT GAIN IN QUARTER HORSE FOALS DURING THE FIRST SIX MONTHS OF LIFE	Consuelo Serres
	B2-58	Transcriptomic characterization of endometrial organoids from PBIE susceptible and resistant mares following LPS exposure	Maria J. Estradé
	B2-59	Modeling equine endometrial natural killer cell differentiation across implantation with single-cell resolution	Alexis R Smrekar
	B2-60	Management of grade 3 rectovaginal tear in a mare: successful uterine cervix closure with altrenogest therapy	Olga Sajecka
	B2-61	Galactose as a key sugar in equine placentitis	Kinga B Graniczkowska

Rainbow Hall (2nd Floor)

Category	Poster No.	Title	Presenter
3. Oocytegenesis	C2-1	OPTIMISING OOGONIAL STEM CELL RETRIEVAL: IMPACT OF DISSOCIATION TECHNIQUES, STAINING METHODS, DUAL-MARKER FLOW CYTOMETRY AND OVARY FREEZING IN PORCINE AND MURINE MODELS	Ruth Appeltant
	C2-2	RNA-SEQ PROFILING OF BOVINE OOCYTES ACCORDING TO THE PHASES OF OVARIAN CYCLE	Fernanda Amarante Mendes de Oliveira
	C2-3	A Method to Estimate Homologous Recombination in Female Gametogenesis Using Parthenogenesis.	Flavio Vieira Meirelles
	C2-4	Membrane culture inserts coated with laminin, a basement membrane component, has benefit on growth of bovine oocytes obtained from early antral follicles	Yuji Hirao
	C2-5	Assessing methods for loss of function of maternal factors during mouse oogenesis	Yayoi Obata
	C2-6	Regulatory dynamics of Ras and small GTPases during follicular development and maturation in porcine granulosa cells	Eunju Seok
4. Embryogenesis and differentiation	C2-7	Partial resurrection of frozen dead animals by single chromosomes transfer into mouse oocytes	Sayaka Wakayama
	C2-8	Cytoplasmic Competition Between Parental Pronuclei Ensures Epigenetic Integrity and Developmental Potential in Mammalian Zygotes	HIROHISA KYOGOKU
	C2-9	Assessing the Role of abnormal Chromosomal segregation in Embryo Cleavage Patterns	Soledad Martin-Pelaez
	C2-10	Glutamate availability modulates DNA methylation dynamics and transcriptional architecture during bovine morula reprogramming	João Vitor Alcantara da Silva
	C2-11	NANOG plays a role in early hypoblast proliferation and is essential for embryonic disc formation during conceptus elongation in sheep	Nuria Martínez de los Reyes
	C2-12	The WNT signaling pathway of in vitro-produced porcine oocytes and early embryos is stage-specific modulated	Carolina G. Cabrera-Gómez
	C2-13	Milk-Derived Exosomes Enhance Oocyte Competence and Embryo Development During Bovine In Vitro Maturation	HyeongTae Jeon
	C2-14	Porcine Embryonic Stem-Like Cell Derived from Vitrified-Thawed iSCNT Blastocysts of the Bornean Bearded Pig	Kanchana Punyawai
	C2-15	Multi-omics Analysis of Single Blastocysts for Dissecting Epigenetic Perturbations in IVF	Yuwei Gao
8. Neuroendocrine control of reproduction	C2-16	Serotonin directly stimulates GnRH pulse generator activity via serotonin 2C receptor in goats	Kh Mohammad Anwar SIDDIQ
	C2-17	Longitudinal monitoring of faecal progesterone metabolites as a new non-invasive method of oestrous stage determination in mice.	Maeve O'Keeffe
	C2-18	Involvement of cocaine- and amphetamine-regulated transcript in glucoprivic suppression of pulsatile luteinizing hormone secretion in female rats	Sena Matsuzaki
	C2-19	Estrogen-dependent activation of AVPV kisspeptin neurons and ovulation requires DDX5 in female rats	Shunsuke Seki
15. Artificial intelligence and imaging methods	C2-20	Localization of Fetal Skull in Sheep Pregnancy Ultrasound Imagery Using Machine Learning	Madison Golledge
	C2-21	Automated Grading of Blastoids Using a Hybrid CNN-LLM Framework	Sangho Roh
	C2-22	UTERINE FIBRILLAR COLLAGEN ACCUMULATION VARIES THROUGHOUT THE ESTROUS CYCLE AND PROVIDES A SCAFFOLD FOR LABEL-FREE, 3D UTERINE GLAND VISUALIZATION VIA THE SHG-CASTING METHOD	Renata Prunskaite-Hyyrylainen
16. Bovine embryogenesis	C2-23	Interleukin 6 supplementation activates ERK1/2 signaling pathway and triggers proliferation of bovine trophectoderm cells	Amber E Thornton
	C2-24	Establishment and Characterization of PRNP Heterozygous Knockout Bovine Embryonic Stem Cells	Young-Chai Kim
	C2-25	Cell number at compaction defines developmental competence in bovine embryos	Rei Morita
	C2-26	Unraveling how bovine conceptus and endometrial sizes relate to interferon-tau at gestational days 15 and 20	Ana Karolyne Alves Miguel
18. Bovine oviduct and uterus	C2-27	Link between uterine flush fluid redox status and reproductive performance in early postpartum lactating Holstein–Friesian dairy cows	Yujiro Hagita
	C2-28	Production of Apical-out bovine uterine gland spheroids: Toward an in vitro model to elucidate the relationship between glandular secretory function and embryo development	Miyu Takahashi
	C2-29	Are Visfatin and Osteopontin Key Regulators of the Uterine Microenvironment in Differently Managed Cows?	Margherita Maranesi
	C2-30	Functional Glucocorticoid System in Bovine Oviduct Epithelial Cells Regenerates Cortisol to Suppress LPS-Induced Inflammatory Cytokines	Omowumi Funmilayo Ademola
	C2-31	Reconstructing the Bovine Endometrium in 3D: Development and Cryopreservation Assessment of Endometrial Organoids.	Sandra Guisado-Egido
	C2-32	Decoding Early Embryo–Maternal Communication Through Epigenetic Changes in Oviductal Assembloids	Ana Beatriz dos Reis Bartoli
27. Canine and feline reproduction	C2-33	Gonadectomy and its association with orthopedic and neoplastic disorders in dogs: A 10-year retrospective study in Belgium	Guillaume Domain
	C2-34	The Use of Artificial Intelligence to Predict Pregnancy in Dogs Through Corpus Luteum Transcriptomic Analysis	Paula Papa
	C2-35	Mapping the Cellular Landscape of the Canine Placenta: Single-Nucleus Profiling Reveals Mechanisms Governing Feto-Maternal Exchange and Placental Adaptation During Maintenance and Termination of Pregnancy	Kudzaishe Adwell Mushati
	C2-36	Age related and Seasonal Changes in Spermatogenesis and Optimization of In Vitro Culture Conditions in Domestic Cats	Ryosuke Shimizu
	C2-37	Diagnostic performance and evaluator variability of semen cytology for detection of canine leucospermia	Daniela Cortes