



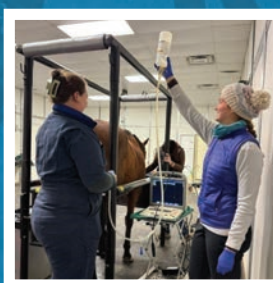
11th ISEET

International Symposium on Equine Embryo Transfer and Technology
and Equine Reproduction Practitioners' Day

August 20–23, 2026 ♦ Lexington, KY, USA

Hilton Lexington Downtown
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International Symposium on Equine Embryo Transfer and Technology

Scientific Committee

Dr. Scott Bailey (Cornell University)
Dr. Pouya Dini (University of California, Davis)
Dr. Luisa Fernanda Ramirez-Agamez (Texas A&M University)
Dr. Robert Foss (Equine Medical Services Inc.)
Dr. Katrin Hinrichs (University of Pennsylvania)
Dr. Ed Squires (Reproductive Management)
Dr. Tom Stout (University of Kentucky)

Welcome

Dear Participants,

On behalf of the local organizing committee and the International Society for Equine Reproduction, we would like to welcome you to Lexington, Kentucky, for the XI International Symposium on Equine Embryo Transfer and Technology. Known as the horse capital of the world, we hope that you will enjoy the horses, bourbon, and history of Lexington, but most of all, the ability to learn, share knowledge, and forge relationships for future collaborations and friendships. Lexington is a place where the horse industry gathers from across the world, and it therefore seems appropriate that the latest research and cutting-edge technology be presented and assimilated here, bringing science into practice. We hope you enjoy the conference and come back soon.

With respect,
Karen Wolfsdorf, DVM DACT

Full Scientific Program

All programming will be held in the Grand Kentucky Ballroom, Hilton Lexington/Downtown, unless otherwise noted.

Thursday, August 20, 2026

- 1:00–7:00 p.m. Registration open, located on the second floor near Triple Crown Room
- 5:15–5:30 p.m. **Opening Address**
Presented by Karen Wolfsdorf, DVM, DACT (Hagyard Equine Medical Institute), 2026 Local Organizing Committee chair
- 5:30–7:00 p.m. **Session I: Genomics and Genetics**
Moderator: Katrin Hinrichs, DVM, PhD, DACT (University of Pennsylvania, USA)
- 5:30–6:00 p.m. **Keynote Lecture: Genetic diversity in domestic horses: Temporal patterns, the influence of assisted reproductive technologies, and implications for the American Quarter Horse**
Rebecca Bellone, PhD (University of California, Davis, USA)
- 6:00–6:15 p.m. 100 **Development of non-invasive sexing of equine embryos from spent media**
Lee Morris, BVSc, DVSc, DACT (EquiBreed ART Ltd., New Zealand)
- 6:15–6:30 p.m. 101 **Evaluating the robustness of 5× sequencing for aneuploidy screening in equine embryo biopsies**
Tine De Coster, PhD (Ghent University, Belgium)
- 6:30–6:45 p.m. 102 **Effects of uterine environment on pluripotency of in vitro–produced equine blastocysts**
Alanoud Alshami, DVM, MS (University of California, Davis, USA)
- 6:45–7:00 p.m. 103 **Germinal vesicle to metaphase II: Transcriptomic dynamics of single equine oocytes following holding and in vitro maturation**
Sabrina Bellaver Cousseau, Med Vet., PhD (North Carolina State University, USA)
- 7:00–7:30 p.m. **Poster Session: Genetics & Genomics**
Triple Crown Room
- P100 **Characterization of triploid cell lines isolated from the allantochorion following spontaneous early pregnancy loss**
S. Ghosh (Baker Institute for Animal Health, Cornell University, Ithaca, NY, USA)
- P101 **Centromere size asymmetry as a risk factor for aneuploidy in early equine pregnancy loss**
A. M. McKane (Department of Biomedical and Translational Sciences, College of Veterinary Medicine, Cornell University, Ithaca, NY, USA; Baker Institute for Animal Health, Cornell University, Ithaca, NY, USA)
- 7:00–9:00 p.m. **Welcome reception, Magnolia Room**
Sponsored by Genetech
Kick off the symposium in style with colleagues and friends from around the world. Separate ticket purchase required for accompanying guests!

Friday, August 21, 2026

- 7:00 a.m.–5:30 p.m. Registration open, located on the second floor near Triple Crown Room
- 7:00–8:00 a.m. Complimentary pastries and beverages in the Pre-Conference Space
- 8:00–8:15 a.m. Short dedication in memory of Dr. Eric Palmer
Presented by Doug Antczak, VMD, PhD (Cornell University, USA)
- 8:15–10:15 a.m. **Session II: Follicle Development**
Moderator: Tom Stout, VetMB, MA, PhD, DCAR, KNMvD (University of Kentucky, USA)

8:15–8:45 a.m.	Keynote Lecture: Comparison of COST for conventional embryo transfer versus intracytoplasmic sperm injection <u>Ed Squires, PhD</u> (International Society for Equine Reproduction, USA)	
8:45–9:00 a.m.	104	Pre-ovulatory temperature differentials within mares' ovaries <u>Pedro Paulo Bussade, DVM</u> (Sharjah Equine Hospital, UAE)
9:00–9:15 a.m.	105	Ablation of early forming hemorrhagic anovulatory follicles leads to normal cyclic corpus luteum formation and progesterone production <u>Kendall A. Hyde, MSc</u> (Southern Illinois University Carbondale, USA)
9:15–9:30 a.m.	106	Effects of equine metabolic syndrome on follicular dynamics and in vitro oocyte maturation in aged mares <u>Heloisa Siqueira Canesin, DVM, MS</u> (São Paulo State University and CH Reprodução Equina, Brazil)
9:30–9:45 a.m.	107	The impact of follicle size on equine oocyte quality and embryo development after ovum pick-up/intracytoplasmic sperm injection <u>Perla Fleury, DVM, MSc</u> (In Vitro Equinos, Brazil)
9:45–10:15 a.m.	Keynote Lecture: Cracks in the ice: Biological challenges and incremental progress in equine oocyte vitrification <u>Katrien Smits, DVM, PhD</u> (Ghent University, Belgium)	
10:15–11:00 a.m.	Poster Session: Follicle Development , Triple Crown Room With a snack break and beverages, Pre-Conference Space <i>Sponsored by ABT 360</i>	
	P102	Characterization of ovarian activity and body development in young Warmblood horses C. Aurich (Graf Lehndorff Institute for Equine Research, Neustadt [Dosse], Brandenburg, Germany; Center for Animal Reproduction, Vienna, Austria)
	P103	Evaluation of breeding-season estrus and ovulation synchronization protocols in mares using deslorelin, cloprostenol, and an intravaginal progesterone-releasing device Y. Reyimujiang (China Agricultural University, Beijing, China)
	P104	The fertility of ovulations associated with anovulatory hemorrhagic follicles S. Wilsher (Sharjah Equine Hospital, Al Atain, Sharjah, United Arab Emirates)
	P105	Seasonal variation in serum anti-Müllerian hormone concentration, antral follicle count, and ovarian size in mare M. Kaps (Center for Animal Reproduction, Department for Small Animals and Horses, University of Veterinary Medicine, Vienna, Austria)
	P106	Induction of multiple ovulation in jennies using low-dose deslorelin acetate during winter S. Zeng (China Agricultural University, Beijing, China)
	P107	Effect of hCG on follicle development in acyclic mares G. B. A. G. Amorim (Burns Ranch, Menifee, CA, USA)
	P108	Efficiency of different hormonal inducers in advancing ovulation in Mangalarga Marchador mares J. C. Ortega (Valquiria Biotecnologia en Reproducción Equina, Arenal, Jalisco, México)
	P109	Isolation and characterization of late preantral and early antral follicles from different regions in the equine ovary E. L. Gastal (Southern Illinois University, Carbondale, IL, USA)
11:00 a.m.–1:00 p.m.	Session III: Oocyte and Ovary Moderator: <u>Ed Squires, PhD</u> (International Society for Equine Reproduction, USA)	
11:00–11:15 a.m.	108	Short vitrification protocols support post-intracytoplasmic sperm injection development of in vitro-matured equine oocytes <u>Daniel Angel-Velez, DVM, MS, PhD</u> (Oolab and Ghent University, Belgium)

11:15–11:30 a.m.	109	Developmental competence is not predicted by transcriptional markers of meiotic control during oocyte holding <u>Soledad Martin-Pelaez, DVM, DACT</u> (University of California, Davis, USA)
11:30–11:45 a.m.	110	Comparison of two media for equine oocyte holding and transport <u>Rob Foss, DVM</u> (Equine Medical Services, USA)
11:45 a.m.–12:00 p.m.	111	FGF2, LIF, and IGF1 supplementation during in vitro culture improves post-cleavage development of equine intracytoplasmic sperm injection embryos <u>Joanne Smith, DVM</u> (The University of Queensland, Australia)
12:00–12:15 p.m.	112	A comparison of conventional and time-lapse incubation for the production of equine blastocysts via intracytoplasmic sperm injection <u>Camilo Hernandez-Aviles, DVM, PhD, DACT</u> (Texas A&M University, USA)
12:15–12:30 p.m.	113	Spindle orientation in equine oocytes: Is polar body alignment the rule? <u>Katrien Smits, DVM, PhD</u> (Ghent University, Belgium)
12:30–1:00 p.m.	Keynote Lecture: Factors influencing equine embryo outcomes in ovum pick-up/intracytoplasmic sperm injection systems: Insights from a largescale Southern Hemisphere program <u>Vilceu Bordignon, DVM, MSc, PhD</u> (McGill University, Canada)	
1:00–2:00 p.m.	Poster Session: Oocyte Recovery & Handling, Triple Crown Room With lunch provided, Pre-Conference Space <i>Sponsored by bet PHARMA</i>	
	P110	Comparison of hematoxylin–eosin and Gomori’s trichrome staining for efficient equine preantral follicle evaluation B. R. Curcio (Federal University of Pelotas, Pelotas, RS, Brazil)
	P111	Comparison of glass and plastic vials for oocyte holding K. D. Loncar (Equine Medical Services Inc., Columbia, MO, USA)
	P112	Comparison of commercial flushing and holding media on embryo production in equine ICSI cycles D. Braga (Equinvitro-Animal Reproduction)
	P113	Comparative invasiveness of assisted reproductive techniques: A preliminary study Y. Serrano (Equine Reproductive Services [UK] Limited, Malton, North Yorkshire, United Kingdom)
	P114	Development of an objective discomfort scoring system for mares during transvaginal follicle aspiration G. A. Dujovne (University of California Davis, Davis, CA, USA)
	P115	Retrospective analysis of OPU-associated complications in a defined population does not support routine antibiotic prophylaxis M. Scaglia (Avantea, Cremona, Italy; Università degli Studi di Milano, Milan, Italy)
	P116	Evaluation of a novel resident training program in equine oocyte pick-up and assisted reproductive technologies J. N. Hatzel (Colorado State University, Fort Collins, CO, USA)
2:00–3:30 p.m.	Session IV: Oocyte Recovery and Handling Speaker Support Provided by <u>University of São Paulo</u> Moderator: <u>Lisa Metcalf, MS, DVM, DACT</u> (Honahlee PC, USA)	
2:00–2:30 p.m.	Keynote Lecture: Conventional in vitro fertilization in the horse, past, present, and future: Physiological and technical insights <u>Katrin Hinrichs, DVM, PhD, DACT</u> (University of Pennsylvania, USA)	
2:30–2:45 p.m.	114	Is ovarian status at the time of ovum pick-up associated with oocyte developmental competence in horses? <u>Claudia Barbosa Fernandes, DVM, MSc, PhD</u> (University of São Paulo, Brazil)

- 2:45–3:00 p.m. 115 **Efficiency of transvaginal oocyte aspiration, or postmortem ovary harvest, and intracytoplasmic sperm injection in a clinical program of equine assisted reproduction at an academic institution**
Charles C. Love, DVM, PhD, DACT (Texas A&M University, USA)
- 3:00–3:15 p.m. 116 **Outcome of equine intracytoplasmic sperm injection sessions with oocytes divided between multiple stallions**
Karen Von Dollen, DVM, DACT (Rood and Riddle Equine Hospital, USA)
- 3:15–3:30 p.m. 117 **Optimizing the timing of follicular aspiration in mares: Effects of growth and atresia phases on in vitro embryo production**
Thadeu de Castro, DVM, MS, PhD (University of California, Davis, USA)
- 3:30–4:00 p.m.** **Poster Session: In Vitro Fertilization & Embryo Production, Triple Crown Room**
With a snack break and beverages, Pre-Conference Area
Sponsored by Platinum Performance
- P117 **Cholesterol efflux during in vitro capacitation of equine spermatozoa is time-dependent and independent of egg yolk-based extenders used during semen processing**
B. M. Zutter (Department of Veterinary Surgery and Animal Reproduction, School of Veterinary Medicine and Animal Science, São Paulo State University [UNESP], Botucatu, São Paulo)
- P118 **The impact of oocyte aspiration technician on equine ICSI embryo development**
M. P. Maserati (Equine IVF, Tomball, TX, USA)
- P119 **Transferred ICSI embryos do not align themselves to recipient uterine age**
J. R. Newcombe (Equine Fertility Clinic, United Kingdom)
- P120 **Using OPU-ICSI to breed Hokkaido native ponies in Japan**
Y. Gao (Obihiro University of Agriculture and Veterinary Medicine, Obihiro, Hokkaido, Japan)
- P121 **Effect of stallion on cleavage, blastocyst formation, and day-7 blastocyst rate in ICSI embryos**
V. Bordinon (McGill University, Sainte-Anne-de-Bellevue, QC, Canada)
- P122 **Equine cumulus-cell RNA-seq reveals a conserved competence signature across species**
K. Takahashi (Department of Population Health & Reproduction, School of Veterinary Medicine, University of California, Davis, Davis, CA, USA)
- P123 **Triglyceride content of equine oocytes and utilization during in vitro maturation**
N. Lewis (University College Dublin, Dublin, Ireland)
- P124 **Impact of warming solution composition on pregnancy maintenance after vitrification of equine ICSI-derived embryos**
R. Puelker (Equinivtro-Animal Reproduction, Anhembi, SP, Brazil)
- P125 **Sex-sorting conventional frozen semen—“reverse sorting”—results in viable pregnancies from ICSI-produced embryos**
J. C. Samper (ST Genetics, Navasota, TX, USA)
- P126 **A novel single-step thawing method for in vitro-produced equine embryos**
A. J. Ruiz (Sydney School of Veterinary Science, Faculty of Science, The University of Sydney, Sydney, NSW, Australia)
- P127 **Equine cIVF using semen stored at 17°C in a synthetic extender**
L. M. Melo (Department of Animal Science, Tarleton State University, Stephenville, TX, USA)
- P128 **Clinical outcomes of equine in vitro embryo production after biphasic IVM**
F. Campos-Chillon (Cal Poly, San Luis Obispo, CA, USA)

- P129 **Effect of follicular fluid extracellular vesicles on in vitro nuclear maturation of equine oocytes**
E. Metcalf (Oregon Health & Science University, Portland, OR, USA)

4:00–5:30 p.m.

Session V: In Vitro Embryo Production

Moderator: Tom Stout, VetMB, MA, PhD, DCAR, KNMvD (University of Kentucky, USA)

4:00–4:30 p.m.

Keynote Lecture: Equine oocyte and embryo metabolism in the assisted reproductive technology setting: Current knowledge and clinical significance

Niamh Lewis, BVMS, DACT, DECAR, PhD (University College Dublin, Ireland)

4:30–5:30 p.m.

Panel Discussion: Is using equine assisted reproductive technologies for healthy, fertile horses acceptable?

Niamh Lewis, BVMS, DACT, DECAR, PhD (University College Dublin, Ireland); Rob Foss, DVM (Equine Medical Services, USA); Cesare Galli, DVM, PhD (Avantea, Italy); and Peter Daels, DVM, PhD, DACT, DECAR (International Veterinary Information Service and Ghent University, Belgium); Ed Squires, PhD (International Society for Equine Reproduction, USA)

7:00–10:30 p.m.

Kentucky event with dinner

Sponsored by Hagyard

*Visit **Gainesway Farm** with dinner and beverages provided for an evening embracing the spirit and tradition of the Bluegrass State. Separate ticket purchase required for accompanying guests.*

*Buses **sponsored by Keeneland** will leave at 6:30 p.m. from the Hilton Lexington/Downtown.*

Saturday, August 22, 2026

7:00 a.m.–5:30 p.m.

Registration open, located on the second floor near Triple Crown Room

7:00–8:00 a.m.

Complimentary pastries and beverages in the Pre-Conference Space

8:00–10:00 a.m.

Session VI: Embryo Development

Moderator: Luisa Ramirez Agámez DVM, PhD (Texas A&M, USA)

8:00–8:30 a.m.

Keynote Lecture: Embryo development

Shawn Chavez, PhD (Oregon Health and Science University, USA)

8:30–8:45 a.m.

- 118 **Characterization of the gene expression profile of in vivo- and in vitro-produced equine blastocysts by RNA sequencing**

Camilo Hernandez-Aviles, DVM, PhD, DACT (Texas A&M University, USA)

8:45–9:00 a.m.

- 119 **Intracytoplasmic sperm injection with capacitated frozen-thawed semen results in faster blastocyst development than conventional intracytoplasmic sperm injection in horses**

Klaartje Broothaers, DVM, DECAR (Ghent University, Belgium)

9:00–9:15 a.m.

- 120 **Use of glucose-free medium is compatible with in vitro fertilization in the horse**

Matheus Felix, DVM (Rood and Riddle Equine Hospital, USA)

9:15–9:30 a.m.

- 121 **Extended incubation induces equine sperm hyperactivation and tyrosine phosphorylation as potential predictors of in vitro fertilization success**

Raul A. Gonzalez-Castro, PhD (Colorado State University, USA)

9:30–9:45 a.m.

- 122 **Follicle size is a key determinant of oocyte developmental competence, impacting blastocyst yield following intracytoplasmic sperm injection in horses and somatic cell nuclear transfer in cyclic mares**

Juan Cuervo-Arango, DVM, PhD, MSc, CertVRep, DECAR (Universidad CEU Cardenal Herrera, Spain)

9:45–10:00 a.m.

- 123 **Use of sex-sorted semen for intracytoplasmic sperm injection in a commercial assisted reproduction program in Argentina**

Fernando L. Riera, DVM, DACT (Doña Pilar Embriones, Argentina)

- 10:00–10:45 a.m.** **Poster Session: In Vivo Embryo Recovery & Handling**, Triple Crown Room
With a snack break and beverages, Pre-Conference Space
Sponsored by *Minitube*
- P130 **Successful transfer of embryos recovered from a donor mare with uterus unicornis**
B. T. Middlebrooks (Department of Clinical Sciences, Colorado State University School of Veterinary Medicine, Fort Collins, CO, USA)
- P131 **Role of cryoprotectants and seminal plasma in the fertility of cooled-stored donkey (*Equus asinus*) semen**
L. Segabinazzi (Department of Animal Reproduction, College of Veterinary Medicine and Animal Science, Unesp, Botucatu, Brazil; Ross University School of Veterinary Medicine, Basseterre, St. Kitts, West Indies)
- P132 **Systemic oxidative stress in platelet-rich plasma from embryo donor mares with endometritis: Implications for autologous PRP therapy**
F. S. Ignácio (Department of Veterinary Surgery and Animal Reproduction, College of Veterinary Medicine and Animal Science, Unesp, Botucatu, São Paulo, Brazil)
- P133 **Temporal dynamics of uterine bacterial load in mares: A crossover comparison of antibiotic and antibiotic-free artificial insemination**
A. Lauciello (Clinical Center for Reproduction, Vetmeduni, Vienna, Austria; Center for Pathobiology, Vetmeduni, Vienna, Austria)
- 10:45 a.m.–12:15 p.m.** **Session VII: Embryo Technologies**
Moderator: **Rob Foss, DVM** (Equine Medical Services Inc., USA)
- 10:45–11:15 a.m.** **Keynote Lecture: Vitrification of in vivo–produced embryos: Size really does matter!**
Presented by Sandra Wilsher, PhD (Sharjah Equine Hospital, UAE)
- 11:15–11:30 a.m. 124 **Factors influencing likelihood of embryo recovery in a commercial program**
Tom Stout, VetMB, MA, PhD, DCAR, KNMVd (University of Kentucky, USA)
- 11:30–11:45 a.m. 125 **Impact of heat waves on embryo recovery and quality in mares: A retrospective analysis in a tropical scenario**
Beatriz L. De Camillo, MVSc (São Paulo State University, Brazil)
- 11:45 a.m.–12:00 p.m. 127 **Estradiol and extracellular vesicle secretion by equine trophoblastic vesicles**
Claire Card, DVM, PhD, ACT (Western College of Veterinary Medicine, Canada)
- 12:00–12:15 p.m. 128 **Assessment of pulsing and extrusion dynamics in vitrified equine intracytoplasmic sperm injection embryos under different warming protocols**
Carolina Zenga Rodrigues (Oklahoma State University, USA)
- 12:15–1:15 p.m.** Lunch, Pre-Conference Space
Sponsored by *Botupharma*
- 1:30–3:15 p.m.** **Session VIII: Recipient Mare Management**
Moderator: **Scott Bailey, DVM, MS, DACT** (Cornell University, USA)
- 1:30–2:00 p.m.** **Keynote Lecture: Achieving success in conventional equine embryo transfer: A practical review**
Denis Necchi, DVM, DECAR (Keros Equine Embryo Transfer Center, Belgium)
- 2:00–2:15 p.m. 129 **Pregnancy rates in recipient mares in cycles after a negative transfer or pregnancy loss**
Etta Bradecamp, DVM, DACT, ABVP (Rood and Riddle Equine Hospital, USA)
- 2:15–2:30 p.m. 130 **Influence of temperature at arrival, transportation device, and size on pregnancy rate of transported equine embryos**
Gian Guido Donato, DVM (University of Turin, Italy)

- 2:30–2:45 p.m. 131 **Resurgence in luteal progesterone production after altrenogest-driven suppression in early pregnancy**
James Crabtree, BVM&S, CertEM (StudMed), FRCVS (Equine Reproductive Services and University of Liverpool, UK)
- 2:45–3:00 p.m. 132 **Slow in vitro embryo development is associated with decreased foaling rates and a higher proportion of female offspring**
Sofie Peere, DVM, DECAR (Ghent University, Belgium)
- 3:00–3:15 p.m. 136 **Effect of transvaginal follicular aspiration on pregnancy rates and corpus luteum development in noncyclic recipient mares**
Jacob Sebastian Rodriguez, DVM, MSc, DACT (private practice, Colorado, USA)
- 3:15–4:00 p.m.** **Poster Session: Recipient Mare Management, Pregnancy & Pregnancy Loss, Triple Crown Room**
With a snack break and beverages, Pre-Conference Space
Sponsored by Equine IVF
- P134 **Effects of post-thawing transport and donor mare age on pregnancy outcomes of vitrified IVP equine embryos produced in a commercial ICSI laboratory**
P. Arrondo Navarrete (Sussex Equine Hospital, Ashington, United Kingdom; Equinova ICSI Lab, Pilar, Buenos Aires, Argentina)
- P135 **Placental features and early neonatal outcome in equine clones derived from distinct nuclear donor cell types**
B. R. Curcio (Federal University of Pelotas, Pelotas, RS, Brazil)
- P136 **Periovarian administration of therapeutic and suprathreshold doses of firocoxib does not impair ovulation or follicular dynamics in mares**
M. A. Alvarenga (Department of Veterinary Surgery and Animal Reproduction, School of Veterinary Medicine and Animal Science, São Paulo State University [UNESP], Botucatu, São Paulo, Brazil)
- P137 **Serum estradiol concentrations in mares treated with oral clomiphene citrate compared with injectable 17 β -estradiol**
T. Troncarelli (Instituto Federal Catarinense, Concórdia, Santa Catarina, Brasil)
- P138 **Plasma concentrations of altrenogest following intramuscular administration of a compounded altrenogest product in the mare**
P. M. McCue (Colorado State University, Fort Collins, CO, USA)
- P139 **Implementation of a monitoring protocol for high-risk gestation in mares at the Foal Care Equine Perinatology Center**
K. V. Vargas (Foal Care Equine Perinatology Center, Cajicá, Cundinamarca, Colombia)
- P140 **Efficacy of ozone therapy versus platelet-rich plasma in mares with endometritis**
P. J. Ferraz (Jacob Academy, Seropédica, Rio de Janeiro, Brasil)
- P141 **Evaluation of an in-house canine chemiluminescent immunoassay for serum progesterone in a commercial equine embryo program**
F. Amoroso (University of São Paulo, São Paulo, Brazil)
- P142 **Uterine artery Doppler in healthy late-gestation mares treated with estradiol cypionate**
I. P. O. Santos (Federal University of Pelotas, Pelotas, RS, Brazil)
- P143 **Estradiol cypionate enhances placental histomorphometry in mares with ascending placentitis**
I. P. O. Santos (Federal University of Pelotas, Pelotas, RS, Brazil)
- P144 **Hormonal modulation affects endometrial miRNA levels in mares**
J. F. Morandin (School of Veterinary Medicine and Animal Science, UFU, Uberlândia, Brazil)

- P145 **Uterine microbiome in fertile and subfertile Colombian Creole mares**
I. C. Vélez (Faculty of Veterinary Medicine and Animal Science, Universidad CES, Medellín, Antioquia, Colombia; Oolab SAS, Rionegro, Antioquia, Colombia)
- P146 **Embryonic and fetal survival to day 63 after transfer of in vivo versus OPU-ICSI embryos in recipient mares: A 4-year retrospective study**
A. Marie (Oniris–École Nationale Vétérinaire, Agroalimentaire et de l’Alimentation Nantes-Atlantique, Nantes, France)

4:00–5:30 p.m.

Session IX: Mare Pregnancy

Moderator: Pouya Dini DVM, PhD, ECAR, ACT (University of California, Davis, USA)

4:00–4:30 p.m.

Keynote Lecture: Chromosomal chaos: Understanding aneuploidy associated with assisted reproductive technologies

Mandi de Mestre, BVSc, PhD, PGCAP, MRCVS (Cornell University, USA)

4:30–4:45 p.m.

- 133 **Effects of reproductive techniques, foal sex, and year on gestation length in mares**

Odilon Marquez de Oliveira, DVM (São Paulo State University, Brazil)

4:45–5:00 p.m.

- 134 **The effects of intracytoplasmic sperm injection on foal health and placental parameters**

Emma Van den Branden, DVM, DECAR (Ghent University, Belgium)

5:00–5:15 p.m.

- 135 **Combined clomiphene citrate and sulpiride treatment advances the first ovulation in anestrus mares**

Saverio Maltinti, DVM (Università di Pisa, Italy)

5:15–5:30 p.m.

- 137 **Pre-ovulation insemination of frozen semen increases some stallions’ pregnancy rates**

Agustina Grippo, DVM (Sharjah Equine Hospital, UAE)

6:30–10:00 p.m.

Spy Coast Farm Barbecue

Sponsored by Spy Coast Farm

*Close out the scientific program with a classic Kentucky barbecue dinner at **Spy Coast Farm!***

Separate ticket purchase required for accompanying guests.

*Buses sponsored by **Keeneland** will run from 6:00 p.m. until 6:30 p.m. from the Hilton Lexington/Downtown.*

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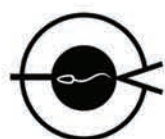


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Sunday, August 23 | Equine Reproduction Practitioners' Day

The Equine Reproduction Practitioners' Day at #ISEET2026 will utilize the expertise of world-renowned researchers and practitioners. Lectures will take reproductive management and assisted reproductive technologies for horses from research to reality in daily practice.

Please note that #ISEET2026 will be the first symposium without financial support from the Havemeyer Foundation.

All programming will be in the Hilton Lexington/Downtown **Grand Kentucky Ballroom** unless otherwise noted.



Full Practitioners' Day Program

- 7:00 a.m.–1:00 p.m. Registration open, located on the second floor near Triple Crown Room
- 7:00–7:30 a.m. Complimentary pastries and beverages in the Pre-Conference Space
- 7:30–7:40 a.m. **Opening address**
Presented by Karen Wolfsdorf, DVM, DACT (Hagyard Equine Medical Institute), 2026 Local Organizing Committee chair
- 7:40–10:10 a.m. **Early-morning sessions | Management of the Mare and Stallion: Assessing the Individual and Conceptualizing Breeding Plans**
Moderator: Candace Lyman, DVM, DACT (Equine Medical Associates, PSC)
- 7:40–8:30 a.m. **Session I: Mastering mare management: How to prepare the anestrus and transitional mare for the upcoming breeding season**
Ed Squires, PhD (International Society for Equine Reproduction, USA), and Pat McCue, DVM, PhD, DACT (Colorado State University, USA)
- 8:30–9:20 a.m. **Session II: Mastering mare management: The ART (assisted reproductive technology) of breeding mares to carry, embryo transfer, or ovum pick-up/intracytoplasmic sperm injection**
Juan Cuervo-Arango, DVM, PhD, MSc, CertVRep, DECAR (Universidad CEU Cardenal Herrera, Spain)
- 9:20–10:10 a.m. **Session III: From collection to conclusion: Stallion semen assessment, application, and options**
Juan Samper, DVM, MSc, PhD, DACT (ST genetics, USA), and Charles C. Love, DVM, PhD, DACT (Texas A&M University, USA)
- 10:10–10:30 a.m. Break: Complimentary snacks and beverages provided, Pre-Conference Space
- 10:30 a.m.–12:10 p.m. **Late-morning sessions | Early Pregnancy in the Mare: Diagnosis of Pregnancy, Twin Management, and Early Embryonic Loss**
Moderator: Tom Stout, VetMB, MA, PhD, DCAR, KNMvD (University of Kentucky, USA)
- 10:30–11:20 a.m. **Session IV: Early pregnancy in the mare: Diagnosis and twin management**
Sofie Peere, DVM, DECAR (Ghent University, Belgium)
- 11:20 a.m.–12:10 p.m. **Session V: Now you see me, now you don't: Mitigating early pregnancy loss**
Mandi de Mestre, BVSc, PhD, PGCAP, MRCVS (Cornell University, USA), and Soledad Martin-Pelaez, DVM, DACT (University of California, Davis, USA)
- 12:10–1:00 p.m. Lunch provided, Pre-Conference Space
- 1:00–4:20 p.m. **Afternoon sessions (Ballroom B) | Assisted Reproductive Technologies in Clinical Practice**
Moderator: Stephanie Walbornn, DVM, DACT (Rood and Riddle, USA)
- Afternoon sessions (Ballroom C) | The Problem Mare**
Moderator: Brittany Middlebrooks, DVM, DACT, MS (Hagyard, USA)
- 1:00–1:45 p.m. **Session VI.A: Embryo transfer essentials: Recipient management, collection, handling, and shipping of embryos**
Denis Necchi, DVM, DECAR (Keros Equine Embryo Transfer Center, Belgium)
- Session VI.B: Problem mares and practical solutions | Part 1 of 2**
Christine Aurich, Dr Med Vet, DECAR (University of Veterinary Medicine Vienna, Austria)
- 1:45–2:30 p.m. **Session VII.A: Tackling transfer: Handling and transferring in vivo and in vitro embryos**
Sandra Wilsher, PhD (Sharjah Equine Hospital, UAE)
- Session VII.B: Problem mares and practical solutions | Part 2 of 2**
Maria Schnobrich, VMD, DACT (Rood and Riddle Equine Hospital, USA), and Kristina Lu, DVM, DACT (Hagyard Equine Medical Institute, USA)

2:30–2:50 p.m.	Break: Complimentary snacks and beverages provided, Pre-Conference Space
2:50–3:35 p.m.	Session VIII.A: Preserving potential: Postmortem gamete retrieval in clinical practice <u>Peyton Draheim, DVM, MS, DACT</u> (Hagyard Equine Medical Institute, USA) Session VIII.B: Gestational glitches: Complications in mid-to-late gestation Part 1 of 2 <u>James Crabtree, BVM&S, CertEM (StudMed), FRCVS</u> (Equine Reproductive Services and University of Liverpool, UK)
3:35–4:20 p.m.	Session IX.A: Ovum pick-up and intracytoplasmic sperm injection workflow: Clinical techniques and laboratory considerations <u>Niamh Lewis, BVMS, DACT, DECAR, PhD</u> (University College Dublin, Ireland) <i>Sponsored by <u>In Vitro Equinos</u></i> Session IX.B: Gestational glitches: Induction of parturition; periparturient and postpartum problems Part 2 of 2 <u>Claudia Barbosa Fernandes, DVM, MSc, PhD</u> (University of São Paulo, Brazil) Speaker Support Provided by <u>University of São Paulo</u>
4:20–5:30 p.m.	Closing cocktail party <i>Sponsored by <u>Rood and Riddle</u></i> <i>Join us for a Q&A featuring the day's speakers and hors d'oeuvres!</i>



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Championship Sale at the Breeders' Cup | Oct. 28

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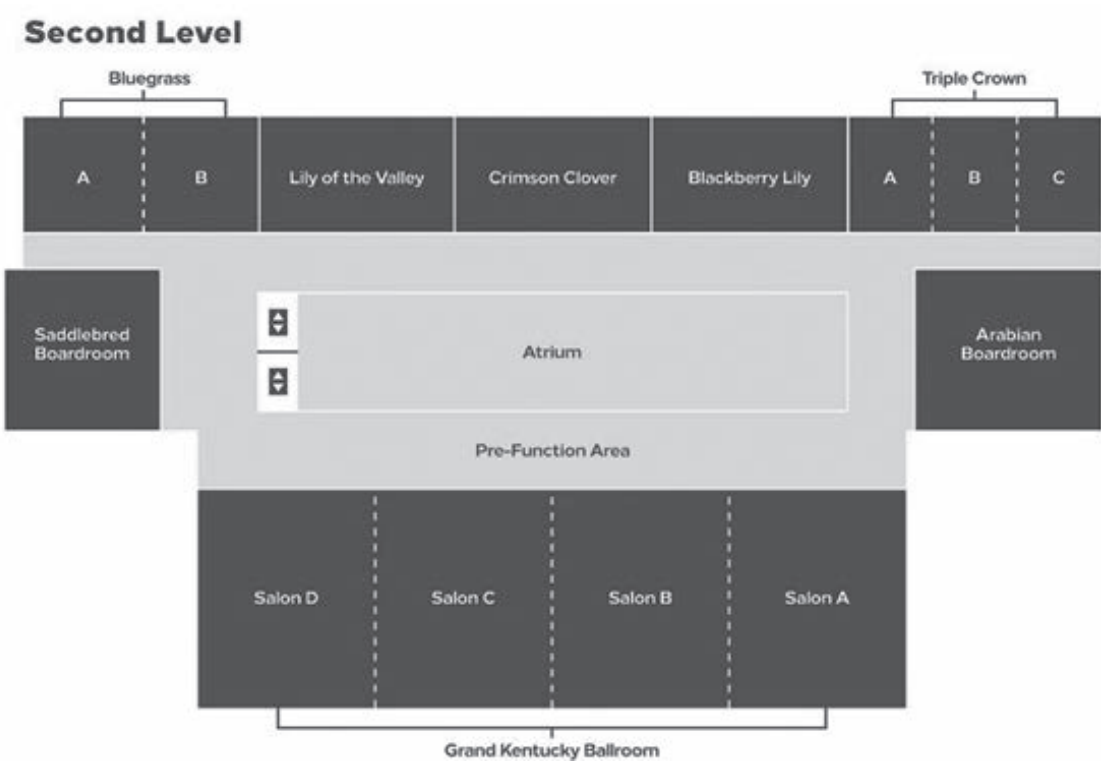
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Hilton Lexington Downtown Map

FLOOR MAP KEY

- Conference Rooms
- Amenities
- Public Space





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Event Details

Date: October 1-3, 2026	Location: Marriott Lexington Griffin Gate	AAVSB CE Credits: 16 Hours
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Registration closes August 24th!

For questions, please reach out to esantiz@hagyard.com.

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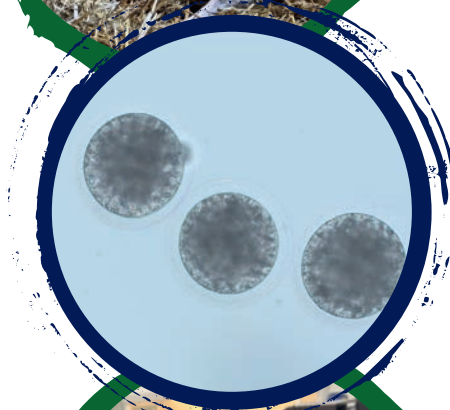
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