Thursday, July 26

6:30-8:30 p.m. Registration and Welcome Reception at The Coast Coal Harbour Hotel (Prestons Restaurant on the first floor)

Friday, July 27

An asterisk represents the presenting author of the abstract.

8-8:30 a.m. Registration (Third floor outside Coal Harbour Ballrooms A and B. All sessions are in Coal Harbour A).

8:30-9:30 a.m. Plenary Session: Embryo Technologies that have impacted the Bovine and Equine Industries. George Seidel (USA)

9:30-10 Morning Break and Poster Session in the Vancouver Room (Third Floor)

10 a.m.-noon Session I: Embryo Function (Session Chair: Tom Stout)

10 a.m. Effect of recovery day on DNA fragmentation in equine embryos. M. Barańska, A. Okólski*, A. Nowak

10:15 a.m. Expression of Xist (X inactive-specific transcript) RNA in preimplantative equine embryos. J. Beckelmann*, S. Budik, C. Aurich

10:30 a.m. Evidence for production of early pregnancy factor (Hsp10), microRNAs and exosomes by day 8 equine embryos. L.T. Bemis, P.M. McCue*, J.N. Hatzel, J. Bemis, R.A. Ferris

10:45 a.m. Effect of maternal age on the initiation of mitochondrial replication in equine embryos. W.K. Hendriks, B.A.J. Roelen†, T.A.E. Stout*

11:00 a.m. Immunohistochemical localization of Early Pregnancy Factor (Hsp10) in equine embryos. J.N. Hatzel*, P.M. McCue, E.J. Ehrhart, J.B. Charles, R.A. Ferris


11:30 a.m. Analysis of the proteins and peptides isolated from incubation medium of early equine conceptuses – preliminary results. S. Budik*, K. Nöbauer, E. Razzaz-Fazeli, C. Aurich

11:45 a.m. Spectrophotometric color analysis of the equine endometrium. S. Neuhauser, J. Handler*

Noon-1:30 p.m. Lunch (Coal Harbour B)

1:30-3 p.m. Session I: Embryo Function (Session Chair: Marcelo Miragaya)

1:30 p.m. Effect of uterine bacterial inflammation in donor mare plasmatic

1:45 p.m. Osmotic response of Day-8 equine embryos exposed to various concentrations of galactose or sucrose at three temperatures. B.A. Foster*, S.P. Leibo, C.J. Gartley, T.S. Chenier

2 p.m. Establishment of pregnancies after transfer of biopsied equine embryos. F. Guignot*, C. Perreau, F. Reigner, P. Mermillod, G. Duchamp


2:30 p.m. Spontaneous embryo reduction during early twin pregnancy in the mare: a role for the capsule? R.O. Waelchli, K.J. Betteridge (Presented by T. Hayes)

2:45 p.m. From commercial embryo transfer to assisted reproduction technology. F.L. Riera*, J.E. Roldán, M. Grunwaldt, I.C. Velez, Y.H. Choi, K. Hinrich

3-3:30 p.m. Afternoon Break and Poster Session in the Vancouver Room (Third Floor)

3:30-5:30 p.m. Session II: Physiology and Pregnancy (Session Chair: Marco Da Silva)

3:30 p.m. Characterization of Prostaglandin E2 receptors in the equine oviduct. B.A. Ball*, K. Scoggin, C. Klein, M.H.T. Troedsson, E.L. Squires


4 p.m. Effect of age on functional and structural status of the corpus luteum during the early gestation in mares. J.C. Ferreira*, F.S. Ignácio, C. de Meira


4:45 p.m. Serum amyloid A concentration in mares with experimentally induced ascending placentitis. M.A. Coutinho da Silva*, I.F. Canisso, C.R.F. Pinto, M.L. Macpherson, B.S. Forshey, D.G. Howell

5 p.m. Transcriptional and proteomic analysis of endometrial and conceptus responses to cloprostenol administration in the third week of pregnancy. T. Hayes*, B.A. Quinn, B. Lilie, L. Schutt, M. Moeyaert, R.O. Waelchli, K. Betteridge

Dinner on your own.

Saturday, July 28
An asterisk represents the presenting author of the abstract.

8:30-9:30 a.m. **Plenary Session**: In Vitro Embryo Production. *Elaine Carnevale* (USA)

9:30-10 **Morning Break and Poster Session in the Vancouver Room (Third Floor)**

10 a.m.-noon **Session III: ICSI and Oocytes** (Session Chair: Katrin Hinrichs)
10 a.m. Fertilization and development of oocytes after ICSI with semen of stallions with different in vivo fertility. *S. Colleoni, G. Lazzari, R. Duchì, C. Baca Castex, G. Mari, I. Lagutina, C. Galli*
10:15 a.m. Selection of stallions for in vivo embryo production by ICSI in a commercial program. *C. Herrera*, *P. Dufourq, M. Freije, I. Morikawa, J.E. Centeno, V. Aristi, L. Menghini, C. Sporleder*
10:30 a.m. Factors affecting equine embryo development after post-mortem ICSI in a clinical program. *Y.H. Choi*, *I.C. Velez, B. Maclas-García, S.G. Spacek, J.D. Norris, K. Hinrichs*
10:45 a.m. Culturing horse oocytes and embryos at the physiological temperature of the mare. *H.M. Nelis*, *B. Leemans, A. Van Soom*
11:00 a.m. Meiotic spindle configurations in metaphase II oocytes from young and old mares. *E.M. Carnevale*, *L.J. Maclellan, E. Ruggeri, D.F. Albertini*
11:15 a.m. Cumulus cell and oocyte mRNA expression of hormone and growth factor receptors in mares. *A. Wischral*, *M. Adria, K.T. Haa, G.R. Fonseca, M.O. Gastal, E.L. Gastal*
11:30 a.m. Vitrification of equine oocytes; preliminary results. *A. Nowak, J. Kochan*, *A. Okólski, M. Barańska*

Noon-1:30 p.m. **Lunch (Coal Harbour B)**

1:30-3:30 p.m. **Session IV** (Session Chair: Pat McCue)
**Panel Discussion**: Practical Applications of Equine Embryo Transfer. *Peter Daels* (Belgium), *Jorge MacDonough* (Argentina), *Angus McKinnon* (Australia) and *Phil Matthews* (USA)

3:30-4 p.m. **Afternoon Break and Poster Session in the Vancouver Room (Third Floor)**

3:30-5 p.m. **Session V: Embryo Transfer** (Session Chair: Angus McKinnon)
4 p.m. Interruption of gestation and reuse of recipient mares in a commercial embryo transfer program. *J. Aguilar*, *I. Luzuriaga, V.P. Chavero, J. Leaniz, P. Casale, L. Carbonet*, *V. Marino*
4:15 p.m. Influence of exogenous progesterone on survival of asynchronously transferred Day-10 horse embryos. *S. Wilsher*, *A. Clutton-Brock, W.R. (Twink) Allen*
The use of mares on their first postpartum estrus ("foal heat") in embryo transfer programs. E.S. Metcalf*, R. Sanchez

Administration of deslorelin or hCG at the time of embryo transfer: effect on pregnancy rates in recipient mares. P.M. McCue*, L.K. Arnold, B.S. Carroll, C.A. Burden, D.M. Gragg, D.B. Scofield, J.N. Hatzel, R.A. Ferris

Other abstract in section with no presenter: Data of three first seasons of embryo transfer from two clones of the same mare. H. Terris, L. Normandin, H. Quinton, J.F. Bruyas

6:30-9:30 p.m. Dinner at The Coast Coal Harbour Hotel (Coal Harbour A)

---

Sunday, July 29

An asterisk represents the presenting author of the abstract.

9-9:45 a.m. Session VI: Semen (Session Chair: Juan Samper)

9 a.m. The advantages of low density lipoproteins (LDL) in chicken egg yolk for the cryopreservation of equine sperm. D. Moreno*, D. Bencharif, L. Amirat-Briand, S. Destrumeille, M. Anton, P. Barriere, D. Tainturier

9:15 a.m. The effect of sex preselection and cryopreservation on the function of epididymal and ejaculated stallion spermatozoa. J.R. Clulow*, W.M.C. Maxwell, G. Evans, L.H.A. Morris

9:30 a.m. Improvements in the fertility of cryopreserved, sex-sorted stallion sperm after low-dose hysteroscopic insemination. Z. Gibb, C.G. Grupen, W.M.C. Maxwell, L.H.A. Morris*

9:45-10 a.m. Break

10 a.m.-noon Session VII (Session Chair: Ed Squires)

Panel Discussion: Future of Embryo Technologies.
Superovulation, Jan Roser (USA)
Sexed Semen, Juan Samper (Canada)
Biopsied Embryos and Embryo Cryopreservation, Katrin Hinrichs (USA)

Farewell (Ed Squires)
**Poster Presentations**

*Posters should be up by 9 a.m. Friday and taken down by 6 p.m. Saturday. Posters are in the Vancouver Room (Third Floor).*

<table>
<thead>
<tr>
<th>Presenter</th>
<th>Title and Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>L.O. Barros</td>
<td>Effect of hCG concentration on embryo recovery rate in a commercial equine embryo transfer program in Brazil. L.O. Barros, G.F. Carneiro</td>
</tr>
<tr>
<td>R.A. Ferris</td>
<td><em>Coccidioides immitus</em> fungal endometritis in an embryo donor mare. R.A. Ferris, D.B. Scofield, J.N. Hatzel, P.M. McCue</td>
</tr>
<tr>
<td>R.M. Romano</td>
<td>Luteal vascular perfusion and plasma progesterone concentration are not affected by the vascularity of preovulatory follicle. R.M. Romano, J.C. Ferreira, H. de Siqueira Canesin, F.S. Ignácio, L.F.N. Filho, C. de Meira</td>
</tr>
</tbody>
</table>