



AETEA

Association Européenne de Transfert Embryonnaire
European Embryo Transfer Association

31st SCIENTIFIC MEETING

Augustijner Abbey
Ghent - Belgium

P R O G R A M M E

11th and 12th September 2015

THURSDAY, September 10th 2015

14.00-18.00: Workshop – at the Faculty of Veterinary Medicine - Ghent University

A week in the life of an equine embryo moderated by Ann van Soom (Belgium)

18.30-20.00: Registration (Augustijnerabdij or Augustinian Monastery, Academiestraat 1, Ghent)

19.00-22.00: Welcome Reception (Augustijnerabdij: tasting local cheeses and beers, cold and hot snacks all made by the Fathers Augustinians)

FRIDAY, September 11th 2015

07.30-09.00: Registration (Augustijnerabdij)

09.00-09.15: Opening meeting by the AETE President **Frank Becker**

SESSION 1 - Chairpersons: DANIEL LeBOURHIS & RAINER SANER

09.15-10.00: First invited lecture:

Roelofs, van Erp-van der Kooij (Netherlands): Estrus detection tools and their applicability in cattle: recent and perspectival situation.

10.00-10.45: POSTER SESSION 1 and coffee break

11.30-12.15: Short oral communications (Embryo collection and transfer)

(1) **Reichenbach et al.:** Born Simmental calves after the transfer of genetic evaluated Day 7 bovine embryos.

(2) **Mikkola and Taponen:** Transfer of cattle embryos produced with sex-sorted semen results in impaired pregnancy rate.

(3) **Quinton et al.:** Using progesterone assay before superovulatory treatment in bovine farms.

12.15-13.30: Lunch

SESSION 2 – Chairpersons: IAN KIPPAX & JO LEROY

13.30-14.15: Second invited lecture:

Chavatte-Palmer, Richard, Peugnet, Robles, Rousseau-Ralliard, Tarrade (France):
The developmental origins of health and disease: Importance for animal production

14.15-15.15: Short oral communications (Student Competition)

(1) **Hamdi et al.:** Bovine oviduct epithelial cells: an *in vitro* model to study early embryo-maternal communication

(2) **Catteeuw et al.:** Time-lapse analysis of early cleavage in bovine embryos produced in serum-free medium.

(3) **Ferraz et al.:** A novel 3-D culture system to study bovine oviduct physiology, gamete interaction and early embryo development.

(4) **De Bie et al.:** The effects of hypo- and hyperglycemia during lipolysis-like conditions on bovine oocyte maturation, subsequent embryo development and glucose metabolism.

15.15-16.00: POSTER SESSION 2 and coffee break

16.00-17.30: Workshop I: Equine ART

Moderated by **Katrin Hinrichs (USA)**

19:00 – 24:00: Conference dinner and dance party at Sint Pieters Abbey Crypt
(Sint-Pietersplein, Ghent, Belgium).

SATURDAY, September 12th 2015

07.45-09.00: Student breakfast (only after subscription, only open for master, PhD or post doc students co-authoring a presented abstract)

SESSION 3 – Chairpersons: DIMITRIOS RIZOS & MARJA MIKKOLA

09.00-09.45: Third invited lecture:
Lewis and Sturmeijer (Great Britain): Embryo metabolism: what does it really mean?

09.45-10.45: Short oral communications (In vitro Production)

- (1) **Aardema et al.:** Fertility effects of performing ovum pick up at young age.
- (2) **De Monte et al.:** 3D visualization of bovine oocyte *in vitro* maturation by confocal laser scanning microscopy.
- (3) **Lewis et al.:** Interpretation of equine *in vitro* produced embryo morphology.
- (4) **Gamarra et al.:** A retrospective study of *in vitro* embryo production from high genetic merit cows oocytes fertilized with unsorted or X-sorted sperm in a commercial program.

10.45-11.00: Sponsor presentation

11.00-11.30: General Assembly

11.30-12.00: POSTER SESSION 3 and coffee break

12.00-13.15: Lunch

SESSION 4 – Chairpersons: SERGE LACAZE & PETER VOS

13.15-13.45: Pioneer award 2015:
Michel Thibier AETE Medallist Presentation
introduced by Patrice Humblot (Sweden)

13.45-14.45: Short oral communications (Embryo environment)

- (1) **Gibson et al.:** Intrauterine expression of insulin-like-growth factor family members during early equine pregnancy.
- (2) **De Ruijter Villani et al.:** Effect of asynchronous embryo transfer on glucose transporter expression in equine endometrium.
- (3) **Ghanem et al.:** Mobilization of intracellular lipids by supplementation of IVM and IVC media with L-carnitine improves bovine embryo quality.
- (4) **López Albors et al.:** Periovarian pH within the porcine oviduct and uterus obtained by laparoendoscopic single-site surgery.

14.45-15.15: Coffee break

15.15-16.45: Workshop II: Non- invasive embryo quality assessment
Moderated by **Martin Gehring (Germany)**

supported by  | Life Sciences

16.45-17.00: Closing session: Student Competition results and invitation to the AETE Conference 2016

18.00: Social event in the Augustijnerabdij
coming together to taste local specialties, drink a nice and strong local beer, dance,

Thanks to
all our
sponsors!

MAIN
SPONSOR



GENERAL
SPONSORS



EXHIBITORS



SUPPORTERS

