



AETE

Association Européenne de Transfert Embryonnaire
European Embryo Transfer Association

28th SCIENTIFIC MEETING

Le Grand Large

Saint Malo, FRANCE

PROGRAMME

7th and 8th September 2012

THURSDAY, September 6th 2012

16.30-18.00 : Visit of a semen production center in St Aubin du Cormier

19.00-20.00: Registration

20.00-22.00: Welcome Reception

FRIDAY, September 7th 2012

07.30-09.00: Registration

09.00-09.10: Opening meeting by the AETE President **CLAIRE PONSART**

SESSION 1 - Chairpersons: HIEMKE KNIJN & SERGE LACAZE

09.15-10.00: First invited lecture:

Alex Evans (IRELAND): Effect of Metabolism on Embryo Development

10.00-11.00: Short oral communications (Student Competition)

- (1) **Brisard Daphne** et al.: Alteration of prostaglandin synthesis regulation in cumulus cells might affect the oocyte and embryo quality in dairy cows with unfavorable haplotype "fertil-" of one female fertility quantitative trait locus located on chromosome 3
- (2) **Van Hoeck Veerle** et al.: Elevated concentrations of saturated NEFA during bovine *in vitro* embryo culture compromise pre-implantation embryo development.
- (3) **Aardema Hilde** et al.: Follicle size is not related to the concentrations of estradiol and progesterone in bovine follicles after superstimulation
- (4) **Held Eva** et al.: Development of bovine 2-cell stage embryos correlates with expression of genes related to oxidative stress response

11.00-11.15: Sponsor presentation

11.15-12.00: POSTER SESSION 1 and coffee break

12.00-13.15: Lunch

SESSION 2 – Chairpersons: DIMITRIOS RIZOS & URBAN BESENFELDER

13.15-14.00: Second invited lecture:

Alireza Fazeli (UK): Embryo-Maternal Communication

14.00-14.45: Short oral communications (Environmental factors on embryo development)

- (1) **Peugnet P, Tarrade A, Chaffaux S, Guillaume D, Wimmel L, Duchamp G, Reigner F, Serteyn D, Chavatte-palmer P:** *In utero* programming of the postnatal growth and insulin sensitivity after between-breeds transfers in the horse
- (2) **Lopera R, Beltran P, RAMOS-IBEAS P, Gutierrez-Adan A, Ramirez MA, Rizos D:** The effect of embryo co-culture with different types of bovine oviductal epithelial cells and conditioned media in vitro on embryo development and quality
- (3) **Cordova A, Perreau C, Archilla C, Ponsart C, Duranthon V, Mermillod P:** Regulation of early cleavage kinetics and embryonic genome activation by bovine oviductal epithelial cells in vitro
- (4) **Gad A, Besenfelder U, Havlicek V, Hölker M, Cinar M, Rings F, Dufort I, Sirard MA, Schellander K, Tesfaye D:** Molecular mechanisms associated with effect of environmental factors during bovine blastocyst formation

15.00-16.00: POSTER SESSION 2 and coffee break

16.00-17.30: Workshop I – Oocyte collection: what is new?

Managed by Hiemke Knijn (The Netherlands)

18.30: Guided visit of Saint Malo

19.30: Social event/Conference Dinner

SATURDAY, September 8th 2012

SESSION 3 – Chairpersons: RAINER SANER & PETER VOS

09.00-09.45: Third invited lecture:

Gabriel Bo (ARGENTINA): Superovulation Programmes in Cattle

09.45-10.30: Fourth invited lecture:

Danielle Monniaux (FRANCE): Ovarian response following superovulation and embryo research

**10.30-10.45: Danielle Monniaux AETE Medallist Presentation
(introduced by Philippe Monget (FRANCE))**

10.45-11.15: General Assembly

11.15-12.00: POSTER SESSION 3 and coffee break

12.00-13.15: Lunch

SESSION 4 – Chairpersons: IAN KIPPAX & FRANK BECKER

13.15-14.00: Fifth invited lecture:

Claire Ponsart (FRANCE): Genotyping of embryos

14.00-14.45: Short oral communications (Embryo manipulation)

- (1) **Guignot F, Perreau C, Reigner F, Mermillod P, Duchamp G:** Early pregnancies after transfer of biopsied equine embryos
- (2) **Smits K, Govaere J, Hoogewijs M, Van Soom A:** The method of choice for ICSI in horses
- (3) **Colleoni S, Lazzari G, Duchi R, Baca Castex C, Mari G, Lagutina I, Galli C:** fertilization and development of equine and swine oocytes following ICSI with refrigerated and frozen semen of fertile and infertile stallions

14.45-15.15: Coffee break

15.15-16.45: Workshop II – Equine Reproduction Biotechnology

Managed by H el ene Quinton and Marc Spalart (FRANCE)

16.45-17.00: Closing session: Student Competition results and invitation to the AETE Conference 2013

17.30: Post Conference tour to the Mont Saint Michel and typical “mechoui”

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