



AETE

Association Européenne des Technologies de l' Embryon
Association of Embryo Technology in Europe

33rd SCIENTIFIC MEETING

“The Assembly Rooms”

Bath, UK

PROGRAMME

8th and 9th September 2017

THURSDAY, September 7th 2017

18.30-20.00: Registration

20.00-22.00: Welcome Reception

FRIDAY, September 8th 2017

08.00-17.00: Registration

08.45-09.00: Opening meeting by the AETE President **Dimitrios Rizos**
by the Chair of the LOC **Brian Graham**

SESSION 1 - Chairpersons: HILDE AARDEMA & RAINER SANER

09.00-09.45: First invited lecture:

IJ Buratini, ACS Soares, RG Barros (Brazil):

Follicular environment and oocyte maturation: roles of local peptides and steroids

09.45-10.30: Second invited lecture:

H Bollwein, F Janett, M Kaske (Switzerland):

Effects of nutritional programming on sexual development in bulls

10.30-11.15: POSTER SESSION 1 and coffee break

Student Competition SESSION: JO LEROY

11.15-12.30: Short oral communications

- (1) **KLJ Desmet et al.:** Effect of non-esterified fatty acids during in vitro oocyte maturation on the development of bovine embryos after transfer
- (2) **M Hamdi et al.:** Transcriptomic response of bovine oviduct epithelial cells to the early embryo
- (3) **N Bernabò et al.:** Cyclin/Cdk complexes are involved in control of actin dynamics during boar sperm capacitation
- (4) **JG Hamze et al.:** In vitro assessment of acrosomal status of boar sperm bound to beads conjugated to ZP proteins
- (5) **T Nongbua et al.:** Effect of seminal plasma on cytokine production from bovine endometrial epithelial cells in culture

12.30-14.00: Lunch

SESSION 2 – Chairpersons: MARJA MIKKOLA & URBAN BESENFELDER

14.00-14.45: Third invited lecture:

M Sheldon & SE Owens (UK): Postpartum uterine infection and endometritis in dairy cattle

14.45-15.30: Short oral communications (Uterine health)

- (1) **V Van Hoeck et al.:** Maternal metabolic disorders and early embryonic loss: Pathways to bridge the gap between bovine embryo quality and endometrial receptivity.
- (2) **JM Sánchez et al.:** Effect of conceptus size on embryo-maternal communication during early pregnancy in cattle
- (3) **E Gomez et al.:** Bovine endometrial cells are responsive to embryonic sex in vitro

15:30-16.00: POSTER SESSION 2 and coffee break

16.00-17.30: Workshop I: Micromanipulation

managed by **Jan Detterer (Germany)** and **Pasqualino Loi (Italy)**

19:00–24:00: Visit of the Roman Baths and
Gala Dinner at the Pump Rooms

SATURDAY, September 9th 2017

08:00-17:00: Registration

SESSION 3 – Chairpersons: TERESA MOGAS & JAN DETTERER

09.00-09.45: Fourth invited lecture:

A Van Soom (Belgium) & A Fazeli (UK) : COST-Action GEMINI and EPICONCEPT: What we learned after 8 years?

09.45-10.30: Short oral communications (Embryo-Environmental (inter) activity)

- (1) **E Paris-Oller et al.:** Haematological and blood biochemical parameters in piglets derived from embryo transfer
- (2) **B Muller and R SturmeY:** Novel approach for the measuring mitochondrial function in bovine oocytes and embryos
- (3) **A Komsky-Elbaz and Z Roth:** Effect of foodborne contaminants on sperm fertilization competence and embryonic development

10.30-11.00: POSTER SESSION 3 and coffee break

11.00-11.15: AETE/Vetoquinol survey

Challenges and opportunities for the development of the ET market in Europe

11.15-11.30: Sponsor presentation

11.30-12.00: General Assembly

12.00-13.30: Lunch / Student Lunch (only after subscription, only open for master, PhD or post doc students co-authoring a presented abstract)

SESSION 4 – Chairpersons: DIMITRIOS RIZOS & ROGER STURMEY

13.30-14.15: Fifth invited lecture

C Galli (Italy): Achievements and unmet promises of assisted reproduction technologies in large animals: a personal perspective

14.15-14.30: Pioneer award 2017 – Cesare Galli AETE Medallist Presentation

introduced by **Lino Loi (Italy)**

14.30-15.30: Short oral communications (Sexual maturity in bulls and semen)

- (1) **T Fichtner et al.:** Analysis of sperm-induced neutrophil extracellular traps (NETS) formation in the bovine system
- (2) **B Planells et al.:** Expression profile of genes involved in sex determination in cattle
- (3) **C Stelletta et al.:** Simplifying the oviductal cell adhesion test for bovine sperm quality assessment
- (4) **L Martínez-Fresneda et al.:** Mouflon (*ovis musimon*) sperm cryosurvival is better at the end of the rutting season coinciding with low plasma testosterone concentrations

15.30-16.00: POSTER SESSION 4 and coffee break

16.00-17.30: Workshop II: Selection and treatment of animals for embryo production

managed by **Erik Mullaart (The Netherlands)**

17.30-17.45: Closing session: Student Competition results and invitation to the AETE Conference 2018

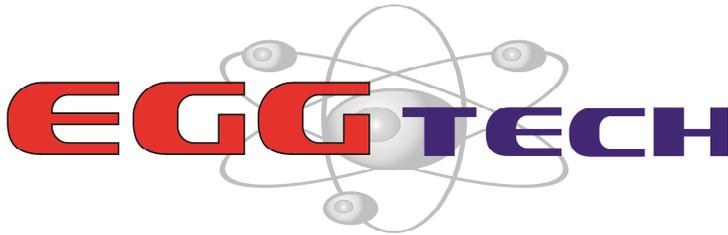
20.00: Farewell party with a British BBQ at the Green Park Brasserie

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