



AETE

Association Européenne de Transfert Embryonnaire
European Embryo Transfer Association

32nd SCIENTIFIC MEETING

Casa de la Convalescència-UAB

Barcelona - Spain

PROGRAMME

9th and 10th September 2016

THURSDAY, September 8th 2016

18.30-20.00: Registration (Lobby of Casa de la Convalescència-UAB)

20.00-22.00: Welcome Reception Casa de la Convalescència-UAB

FRIDAY, September 9th 2016

08.00-17.00: Registration (Lobby of Casa de la Convalescència-UAB)

08.45-09.00: Opening meeting by the AETE President **Dimitrios Rizos**,
by IRTA General Director **Josep M. Monfort** and
by LOC chair **Teresa Mogas**

SESSION 1 - Chairpersons: JO LEROY & RAINER SANER

09.00-09.45: First invited lecture:
Sartori R (Brazil): Update and overview on assisted reproductive technologies (ARTs) in Brazil

09.45-10.30: Second invited lecture:
Duittoz AH (France): The timing of puberty (oocyte quality and management)

10.30-11.15: POSTER SESSION 1 (even numbers) and coffee break

Student Competition SESSION: JO LEROY

11.15-12.30: Short oral communications

- (1) **Lies Jordaens:** In vitro monolayer barrier function of bovine oviduct epithelial cells is modified due to high concentrations of non-esterified fatty acids.
- (2) **Julieta Gabriela Hamze:** Porcine sperm bind to beads conjugated to ZP2 protein under in vitro conditions.
- (3) **Paul Kordowitzki:** In vino veritas? – How resveratrol attenuates oxidative stress in bovine oocytes of prepubertal and adult donors.
- (4) **Perrine Nogues:** A proteomic approach to monitor interactions between oviductal fluid and spermatozoa across the estrous cycle.
- (5) **Marcia AMM Ferraz:** Bovine embryo production is very sensitive to toxins released from 3-D printed acrylate chambers.

12.30-14.00: Lunch

SESSION 2 – Chairpersons: URBAN BESENFELDER & MARJA MIKKOLA

14.00-14.45: Third invited lecture:
Fair T (Ireland): Embryo maternal immune interactions in cattle

14.45-15.30: Short oral communications (Embryology, developmental biology, and physiology of reproduction)

- (1) **Blad-Stahl et al.:** Liquid preservation of bovine embryos as an alternative to cryopreservation
- (2) **Lebedeva et al.:** Progesterone is involved in anti-aging effects of prolactin on bovine cumulus-enclosed oocytes matured *in vitro*
- (3) **Valdes-Hernández et al.:** Effect of maternal genotype on embryo and foetal survival using rabbit as a model

15.30-16.15: POSTER SESSION 2 (even numbers) and coffee break

16.15-17.45: Workshop I:CL/P4, Doppler sonography
managed by **Giovanni Gnemmi (Italy)** and **Serge Lacaze (France)**

19:00 – 24:00: Artistic performance at Casa Convalescència
Bus transfer to Gala Dinner

SATURDAY, September 10th 2016

08:00-17:00: Registration (Lobby of Casa de la Convalescència-UAB)

SESSION 3 – Chairpersons: IAN KIPPAX & JAN DETTERER

09.00-09.45: Fourth invited lecture:

Morrell JM (Sweden):

Practical applications of sperm selection techniques for improving reproductive efficiency

09.45-10.30: Short oral communications (Cumulus cells, oocytes and early embryo development)

- (1) **Arcarons et al.:** Cholesterol addition to immature and in vitro matured bovine oocytes before vitrification altered the expression of some genes important for early embryonic development
- (2) **Aardema et al.:** Cumulus cells protect the bovine oocyte against lipotoxicity by converting saturated into unsaturated fatty acids using stearoyl-CoA-desaturase during in vitro maturation
- (3) **Chen et al.:** A polarized oviduct epithelial cell culture model supports murine early embryo development without additional medium supply

10.30-10.45: Sponsor presentation

10.45-11.15: General Assembly

11.15-12.00: POSTER SESSION 3 (odd numbers) and coffee break

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: ROGER STURMEY & PETER VOS

13.30-14.00: Fifth invited lecture

Henrik Callesen (Denmark): Circles around the farm animal embryo – a Danish perspective

14.00-14.15: Pioneer award 2016 - Henrik Callesen AETE Medallist Presentation

introduced by **Torben Greve (Denmark)**

14.15-15.00: Short oral communications (OPU - IVF and ET)

- (1) **Fonseca Balvís et al.:** Optimization of RNA concentration for genome editing by CRISPR in rabbit zygotes
- (2) **Egberts et al.:** Cytological evaluation of PMN distribution in the genital tract of superovulated embryo donor cows
- (1) **Martinez et al.:** Melatonin accelerates the timing of in vitro porcine embryo development

15.00-15.45: POSTER SESSION 4 (odd numbers) and coffee break

15.45-17.15: Workshop II: Genomics – practical consequences: up date – current challenges – future managed by **Patrice Humblot (Sweden)** and **Pascal Salvetti (France)**

17.15-17.30: Closing session: Student Competition results and invitation to the AETE Conference 2017

20.00: Farewell party with typical food at the Beach of Barcelona

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