

A.E.T.E.

**ASSOCIATION EUROPEENNE DE TRANSFERT EMBRYONNAIRE
EUROPEAN EMBRYO TRANSFER ASSOCIATION**

23RD SCIENTIFIC MEETING

**"HOTEL CALABONA"
ALGHERO, SARDINIA**

P R O G R A M M E

7th and 8th September 2007

FRIDAY, SEPTEMBER 7th 2007

07:30 - 09:00: Registration

09:00 - 09:10: Opening meeting by President **Giovanna Lazzari**

SESSION 1 - Chairpersons: R. Brittain & S. Lacaze

09:15 - 10:00: **First invited lecture:**

“From retrieval to blastocyst culture : following the individual oocyte”
(**P.E.J. Bols**, Belgium)

10:00 - 11:00: **Short oral communications**

- (1) Freezing of semen from endangered Asturiana de la Montana bulls in egg yolk-free extenders (**C.O. Hildago**, Spain).
- (2) Effects of oocyte quality and semen donor on the efficiency of in vitro embryo production in cattle (**L. Katska-Ksiazkiewicz**, Poland).
- (3) Identification of single nucleotide polymorphism (SNP) in bovine preimplantation genes (Cox2, CD9) and their association with bull sperm quality parameters (**H. Daghigh Kia**, Germany)
- (4) Inheritance of epigenetic alterations produced by in vitro culture in mice (**R. Fernandez-Gonzalez**, Spain)

11:00 - 12:00: POSTER SESSION 1 and coffee break

12:00 - 13:00: Lunch

SESSION 2 - Chairpersons: I. Bruck-Bogh & C. Ponsart

13:00 - 13:45: **Second invited lecture**

“In vitro embryo production in buffalo (*Bubalus bubalis*) species: potentials and limitations”
(**B. Gasparrini**, Italy)

13:45 - 14:45: **Short oral communications (Student Competition)**

- (1) Differences in methylation status between male and female bovine blastocysts produced in vitro (**P. Bermejo-Alvarez**, Spain)
- (2) Effect of adding serum or follicular fluid to the maturation medium on in vitro fertilization of porcine oocytes (**J. Bijttebier**, Belgium)
- (3) Time lapse study of the effect of Trichostatin A on in vitro development of porcine handmade cloned embryos (**J. Li**, Denmark)
- (4) Anti-mullerian hormone and follicular response to superovulatory treatment in the cow (**C. Rico**, France).

14:45 - 15:00: **Short Sponsor Presentations**

15:00 - 16:00: POSTER SESSION 2 and coffee break. Booking for excursion to Nettuno's Caves.

16:00 - 17:30:

Workshop 1 – “Small ruminant reproduction” (Coordinator: M. Dattena, Italy)

19:00: **Social Event:** Buses to Gala Dinner at ‘Sa Mandra’.

SATURDAY, SEPTEMBER 8th 2007

SESSION 3 – Chairpersons: S. Merton & J. Ratky

09:00 - 09:45: Third invited lecture:

“Development of the ruminant embryo from elongation to implantation”
(**M. Guillomot**, France)

09:45 - 10:30: Short oral communications

- (1) Relationship between progesterone and pregnancy associated glycoprotein concentrations in the maternal circulation during early pregnancy in dairy cows (**O. Barbato**, Italy).
- (2) Sexing and direct transfer of bovine biopsied frozen-thawed embryos under on-farm conditions in a commercial program (**S. Lacaze**, France).
- (3) Normal and cystic follicular development in the cow (**J.L. Touze**, France)

10:30 – 11:30: General Assembly and coffee break

11:30 - 12:30: Short oral communications

- (1) Membrane permeability of IVP bovine morulae for water and glycerol: implications for the freezing protocol (**H. Woelders**, The Netherlands).
- (2) Effect of BSA and hyaluronan during in vitro culture of ovine embryos and their quality in terms of cryotolerance, gene expression, lambing rate and birth weight (**D. Sanna**, Italy)
- (3) Effect of oestrous cycle phase on morphology and meiotic competence of porcine oocytes (**M. Machatkova**, Czech Republic).
- (4) A field-MOET studying pregnancy rates of biopsied, frozen-thawed embryos of top breeding dairy cattle (**H. Lindeberg**, Finland).

12:30 - 13:30: Lunch

SESSION 4 - Chairpersons: A. Gutierrez-Adan & F. Becker

13:30 – 14:15: Fourth Invited lecture:

“Superovulation in cattle: from understanding the biological mechanisms to genomics of the oocyte”
(**Steph J. Dieleman**, The Netherlands)

14:15 - 14:45: AETE Medalist Presentation: Steph J. Dieleman (The Netherlands)
(Introduction by **P.L.A.M. Vos**, The Netherlands)

14:45 - 15:45: POSTER SESSION 3 and coffee break

15:45 - 17:30:

Workshop II - “Recipient management” (Coordinator: **P.L.A.M. Vos**, The Netherlands)

17:30 - 17:45: Closing session, Student Competition results and invitation to 2008 Meeting

19:00: Buses to Nettuno’s Caves.

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