



AETE

Association Européenne de Transfert Embryonnaire
European Embryo Transfer Association

30th SCIENTIFIC MEETING

Hilton Dresden
An der Frauenkirche
Germany

P R O G R A M M E

12th and 13th September 2014

THURSDAY, September 11th 2014

19.00-20.00: Registration

19.00-22.00: Welcome Reception

FRIDAY, September 12th 2014

07.30-09.00: Registration

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

SESSION 1 - Chairpersons: HIEMKE KNIJN & RAINER SANER

09.15-10.00: Anniversary lecture

Michel Thibier (France): The European embryo transfer industry in cattle – a challenge in 1984, a success in 2014- and well supported and reported by the AETE.

10.00-10.45: POSTER SESSION 1 and coffee break

10.45-11.30: First invited lecture:

Sander de Roos (Netherlands): Inbreeding, genotyping and genomic selection in dairy cattle breeding programs

11.30-12.15: Short oral communications (Breeding tools)

- (1) **Reichenbach et al.:** Using genomic evaluation of bovine embryos as a breeding tool in a commercial program
- (2) **Guignot et al.:** First birth after transfer of sexed and cryopreserved welsh pony blastocysts in France
- (3) **Jaskowski et al.:** Clinical or ultrasound examination for selection of recipient heifers

12.15-13.30: Lunch

SESSION 2 – Chairpersons: IAN KIPPAX & JO LEROY

13.30-14.15: Second invited lecture:

Teresa Mogas (Spain): New insight on cryopreservation of oocytes and embryos

14.15-15.15: Short oral communications (Student Competition)

- (1) **Rodríguez et al.:** Improving embryo survival by assisted uterine embryo migration in Sarda ewe: a preliminary study.
- (2) **Jordaens et al.:** Non-esterified fatty acids affect sperm binding capacity of bovine oviduct epithelial cells in two in vitro culture systems
- (3) **Gamarra et al.:** Ovum pick up and in vitro embryo production following propylene glycol diet in heifers differing in their AMH profiles
- (4) **Desmet et al.:** The effect of non-esterified fatty acids during in vitro culture on DNA methylation of bovine blastocysts

15.15-16.00: POSTER SESSION 2 and coffee break

16.00-17.30: Workshop I– Feeding strategies to optimize oocyte and embryo development
Moderated by **Jo Leroy (Belgium)**

20.00: *Gala Dinner in the Museum „Deutsches Hygienemuseum“*

SATURDAY, September 13th 2014

SESSION 3 – Chairpersons: SERGE LACAZE & MARIA DATTENA

09.00-09.45: Third invited lecture:

Zvi Roth (Israel): Insights into the cellular and molecular responses of bovine oocytes and embryos to elevated temperature

09.45-10.45: Short oral communications (Follicle and IVP)

- (1) **Vernunft et al.:** Ultrasound-guided follicle injection: a method to proof results of bovine follicle cell cultures in an in-vivo model
- (2) **Rozner and Verstegen:** Anti-Mullerian hormone (AMH) profiles and ovarian reserve or embryo production in Holstein cows
- (3) **Bernal et al.:** Effects of cyclic amp regulators during oocyte *in vitro* maturation on bovine embryo development and quality in prepubertal and adult donors
- (4) **Lopera et al.:** Effect of bovine oviductal fluid on *in vitro* bovine embryo production

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: DIMITRIOS RIZOS & PETER VOS

13.15-14.00: Fourth invited lecture:

Klaus-Peter Brüssow (Germany): Footprints around embryo transfer in pigs

14.00-14.15: Klaus-Peter Brüssow - AETE Medallist Presentation

introduced by **Jozsef Rátky (Hungary)**

14.15-15.00: Short oral communications (Semen and fertilisation)

- (1) **Mullaart et al.:** Effect of cysteamine during in vitro maturation is dependent on the bull used for IVF
- (2) **Ctvrtilikova-Knitlova et al.:** Spermatozoa improve mitochondrial status of mature bovine oocytes
- (3) **Ortiz-Escribano and Van Soom:** Increasing sperm concentration has a positive effect on fertilization rates of vitrified-warmed mature bovine oocytes

15.00-15.15: Coffee break

15.15-16.45: Workshop II: Genotyping of embryos

Moderated by **Serge Lacaze and Daniel Le Bourhis (France)**

16.45-17.00: Closing session: Student Competition results and invitation to the AETE Conference 2015

19.00: *Farewell Party BBQ at "Vis-à-vis"*

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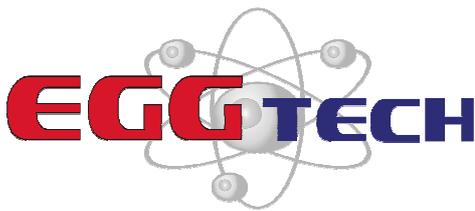
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