



# AETE

Association Européenne de Transfert Embryonnaire  
European Embryo Transfer Association

## 26<sup>th</sup> SCIENTIFIC MEETING

**Hotel SCANDIC**

near by

**the lake Kallavesi**

**KUOPIO, FINLAND**

***PROGRAMME***

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*10<sup>th</sup> and 11<sup>th</sup> September 2010*

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**THURSDAY, September 9<sup>th</sup> 2010**

**18.00-20.00: Registration**

**19.00-21.00: Welcome Reception -** Kuopio City Hall

**FRIDAY, September 10<sup>th</sup> 2010**

**07.30-09.00: Registration**

**09.00-09.10: Opening meeting** by the AETE President **SYBRAND MERTON**

**SESSION 1 - Chairpersons: ALFONSO GUTIERREZ-ADAN & IAN KIPPAX**

**09.15-10.00: First invited lecture:**

Use of flow cytometrically sex-sorted semen in single and superovulating cows and heifers  
J. M. DEJARNETTE (USA)

**10.00-10.45: Short oral communications (Semen manipulation)**

- (1) RUIZ S, ZARAZA J, DE ONDIZ A, ROMERO J, POTO A, RATH D:  
Bovine IVF employing OPU-oocytes and sex-sorted frozen/thawed sperm:  
influence of co-incubation time
- (2) AI NAIB A, MONAGHAN R, EIVERS B, LONERGAN P:  
Effect of duration of storage on the ability of fresh bovine sperm to penetrate  
artificial mucus
- (3) KAIMIO I, LINDEBERG H, VAHTIALA S, VARTIA K, MIKKOLA M, LIDAUER P, PEIPPO J, HANNILA M-L:  
Influence of sex sorted semen on embryo production in dairy cattle

**10.45-10.55: Sponsor presentation**

**10.55-12.00: POSTER SESSION 1** and coffee break

**12.00-13.15: Lunch**

**SESSION 2 – Chairpersons: RAINER SANER & SERGE LACAZE**

**13.15-14.00: Second invited lecture:**

Life imaging of reproductive processes in the oviduct  
SABINE KÖLLE (AUSTRIA)

**14.00-14.45: Short oral communications (Student Competition)**

- (1) JUYENA N, MARION I, MOLLAH H, STELLETTA C:  
Semen quality, total protein content and protein profiles of seminal plasma of alpaca (*Vicugna pacos*) fed different diets
- (2) BEEK J, MAES D, NAUWYNCK H, VAN SOOM A:  
Inhibition of serine proteases by the specific inhibitor AEBSF has a negative influence on sperm motility and *in vitro*  
fertilization (IVF) in pigs
- (3) HOSSAIN MM, TESFAYE D, PRÖLL M, CINAR U, RINGS F, THOLEN E, SCHELLANDER K, HOELKER M:  
Massive deregulation of miRNAs from nuclear reprogramming errors affecting redifferentiation for placentogenesis in  
bovine SCNT pregnancy
- (4) BRAT R, ROLLAND A, THIEME R, DAHIREL M, BOYER G, SANTOS AN,  
FISCHER B, BOILEAU P, CHAVATTE-PALMER P:  
The foetal and postnatal effects of periconceptional hyperglycaemia using a rabbit model

**14.45-15.45: POSTER SESSION 2** and coffee break

**15.45-17.15: Workshop I – Embryo freezing/vitrification: Status and future directions**

(Organizer: CATHERINE GUYADER-JOLY, FRANCE)

**19.00: Social event: Gala Dinner in the Peräniemen Kasino**

**SATURDAY, September 11th 2010**

**SESSION 3 – Chairpersons: CLAIRE PONSART & JĘDRZEJ JAŚKOWSKI**

**09.00-09.45: Third invited lecture:**

Reproductive technologies and genomic selection in the bovine  
PATRICE HUMBLOT (FRANCE, SWEDEN)

**09.45-10.30: Short oral communications (Reproductive Technologies)**

- (1) TAPONEN J, MIKKOLA M:  
Fate of donor cows and heifers after embryo flushing
- (2) SANNA D, MARA L, BERMEJO-ALVAREZ P, RIZOS D, MAYORGA I, GUTIERREZ-ADAN A, DATTENA M:  
Quality of in vitro produced ovine embryos: gene expression, cryotolerance, lambing rate and body weight
- (3) KORHONEN K, KANANEN K, LINDEBERG H, JULKUNEN H, VARTIA K, KAIMIO I, KONTINEN A, BREDBACKA P, VILKKI J, PEIPPO J:  
Ascorbic acid exposure during biopsing and freezing of bovine in vivo embryos increases calving rate

**10.30-11.00: General Assembly**

**11.00-12.00: POSTER SESSION 3 and coffee break**

**12.00-13.15: Lunch**

**SESSION 4 – Chairpersons: FRANK BECKER & URBAN BESENFELDER**

**13.15-14.00: Fourth invited lecture:**

From non surgical embryo transfer to somatic cloning in cattle:  
technical challenges and hurdles to the use of reproductive biotechnologies  
YVAN HEYMAN (FRANCE)

**14.00-14.15: AETE Medallist Presentation Yvan Heyman**

(introduced by JEAN PAUL RENARD, FRANCE)

**14.15-15.00: Short oral communications (Cloning)**

- (1) SAMIEC M, SKRZYSZOWSKA M:  
Effect of roscovitine and trichostatin a on the *in vitro* maturation of porcine nuclear recipient oocytes and development of nuclear-transferred embryos descended from foetal fibroblast cells
- (2) JUAN LI, YING LIU, RONG LI, STIG PURUP, GÁBOR VAJTA, HENRIK CALLESEN:  
Effect of cytoplasm volume on the development of cloned pig embryos
- (3) TERRIS H, MOURIER E, QUINTON H, BRUYAS JF:  
Embryo transfer from two clones of the same mare: a world first

**15.00-15.30: Coffee break**

**15.30-17.00: Workshop II – Non invasive methods to assess oocyte/embryo quality**

(Organizer: JĘDRZEJ JASKOWSKI, POLAND)

**17.00-17.15: Closing session: Student Competition results and invitation to the AETE Conference 2011**

**18.00: Walk to the harbour**

**18.30: Travel with the Boat**

**19.30: Typical Finnish party at the JÄTKÄNKÄMPPÄ RESTAURANT**

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