

EU-AI-Vets Scientific Programme

Venue: Hotel Eger&Park Conference Center
3300, Eger,
Szálloda u.1-3.
Hungary

15 September 2010, Wednesday

- 12.30 Rep-Vet Meeting
- cca. 16.30 Parallel Qualivet Meetings
Cattle Qualivet Meeting
cca. 16.30 Pig Qualivet Meeting
- 19.30 - 21.30 Welcome reception at the conference venue

16 September 2010, Thursday

- 08.30 - 10.30 **Plenary session**
Reproductive health, quality, biosecurity
- Chairman: *Laszlo Solti*
- 08.30 - 08.40 Introduction
Laszlo Solti, , president of ESDAR
Szent Istvan University, Hungary
- 08.40 – 09.10 New animal health legislation in EU and its consequences
Barbara Logar
EU Comission
- 09.10 - 09.40 Genomic selection in cattle and pig
Roel Veerkamp
Animal Breeding and Genomics Centre,
Wageningen UR Livestock Research, The Netherlands
- 09.40 – 10.10 Cytogenetic screening as tool of biosecurity
Andras Kovacs¹, Andras Hidas², Tamás Révay²
¹Debrecen University, Hungary
²Research Institute for Animal Breeding and Nutrition, Hungary
- 10.10 – 10.30 Discussion
- 10.30 – 10.50 Coffee break
- 10.50 – 12.30 **Parallel cattle and pig session 1.**
- Cattle Session 1:**
New developments to improve fertility in cattle
- Chairman: Claus Leiding

- 10.50 – 11.15 New insight of heat detection in beef cattle
Claire Ponsart
UNCEIA - R&D, Maisons-Alfort, France
- 11.15 – 11.40 Heat detection with Heatime
Kaj Abrahamsen and Jan Andersen
Vikinggenetics, Assentoft, Denmark
- 11.40 – 12.05 Cryopreservation of bovine sperm with special attention to the effect of equilibration period and exposition to glycerole
Markus Jung and Lutz Rothe
Institute for Reproduction of Farm Animals Schönnow e.V., Germany
- 12.05 – 12.30 SpermVital – a new approach for semen processing
Elisabeth Kommisrud¹ and Geir Klinkenberg²
¹Geno, Hamar
²SINTEF Industrial Biotechnology, Trondheim, Norway

12.30 – 12.40 Discussion

12.40 – 13.30 Lunch

**Pig Session 1:
Progress in porcine semen technologies**

Chairman: Hanneke Feitsma

- 10.50 – 11.20 Encapsulation of sperm
Massimo Faustini
University of Milan, Italy
- 11.20 – 11.50 Antimicrobial peptides (AMP) in boar sperm preservation
*Martin Schulze¹, Christof Junkes², Stephanie Speck³, Karin Ruediger¹,
Peter Mueller⁴, Margitta Dathe², Karin Mueller³*
¹Institute for Reproduction of Farm Animals Schönnow e.V.,
²Leibniz Institute of Molecular Pharmacology,
³Leibniz Institute for Zoo and Wildlife Research,
⁴Humboldt University Berlin, Germany
- 11.50 – 12.20 Variation in number of sperm cells per dose
Claus Hansen
Videncenter for Svineproduktion, Denmark

12.20 – 12.30 Discussion

12.30 – 13.30 Lunch

13.30 – 15.20 **Parallel cattle and pig session 2.**

**Cattle Session 2:
Effects to the fertility**

Chairman: György Gabor

- 13.30 – 14.00 Sire effect for the daughter's fertility
György Gábor
Research Institute for Animal Breeding and Nutrition, Hungary
- 14.00 – 14.30 Conception rate after timed artificial insemination protocols using by FGF2α and GNRH in dairy heifers
Ahmet Gümen
Uludag University, Faculty of Veterinary Medicine, Department of Obstetrics and Gynecology, Turkey
- 14.30 – 15.00 The chromosomal abnormalities as causes of reproductive failure in cattle
Ioana Nicolae
Research and Development Institute for Bovine Breeding, Romania

15.00 – 15.20 Discussion

**Pig Session 2:
Boar semen production: sanitary aspects**

Chairman: Kai Caspari

- 13.30 – 14.00 Serratia in boar semen, a case study
Alfonso Bolarin
AIM Ibérica, Spain
- 14.00 – 14.30 Boar Semen Production and Antibiotics
Margareta Wallgren
Quality Genetics, Sweden
- 14.30 – 15.00 Control of bacterial contamination in boar semen production, how it is done
Hanneke Feitsma,
Institute for Pig Genetics, The Netherlands
- 15.00 – 15.20 Discussion
- 15.20 – 15.40 Coffee break
- 15.40 – 17.00 **Parallel cattle and pig session 3.**

**Cattle Session 3:
Management of AI centres and Reproduction**

Chairman: Stuart Revell

- 15.40 – 16.10 Protection of AI centres against Bluetongue
Ulrich Janowitz
Rinder-Union-West (Breeding, Artificial Insemination and Herdbook Organisation), Borken, Germany
- 16.10 – 16.40 Sperm Viability, Chromatin Stability and Sperm Surface-Ubiqutination in Relation to Field Fertility of AI Bulls from two Age Groups
Jan Sunde, BioKapital, Norway

- 16.40 – 17.10 Reflections on a life in reproduction
Stuart Revell
Genus/ABS, UK
- 17.10 – 17.20 Discussion
- Pig Session 3:**
Boar management & AI for rare breeds preservation
- Chairman: *Jozsef Rátky*
- 15.40 – 16.10 Boar management and longevity
Sylviane Bulot
Institute du Porc, France
- 16.10 – 16.40 Artificial insemination in native Hungarian Mangalica : experience and future prospect
Istvan Egerszegi
Research Institute for Animal Breeding and Nutrition, Hungary
- 16.40 – 17.00 Discussion
- 17.20 – 18.00 Sponsor session
- 18.00 – 18.45 Reports
Rep-Vet meeting
Cattle Qualivet meeting
Pig Qualivet meeting
- 18.45 – 19.00 Closing Session
Resume
Ferenc Flink
Central Agricultural Office, Hungary
- 20.00 – Conference dinner for AI-Vets participants

Conference Secretariat

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