

FINAL PROGRAM

Monday 11 October 2021

15.00-17.00 ECAR

ECAR Keynote: Comparative physiology

Repro trivial pursuit: How to answer long essay exam questions on the discussed topic

18.30-19.30 ESDAR annual board meeting

19.30-20.30 Meeting of the Country representatives ESDAR

Tuesday 12 October 2021

18.00-18.30 **Keynote lecture 1**

Chair R. Bage

H. Jonker: Education: where does it go?

18.30-19.30 **4 Parallel Workshops**

X. Druart: Small ruminant reproduction

L. Abril-Parreno: Differential glycosyltransferase gene expression in the ovine cervix may contribute to inter-breed differences in pregnancy rates following cervical insemination with frozen-thawed semen

R. Bage: Intensive dairy production based on good fertility and health and low use of antibiotics

Y. Persson: Antibiotic use in the Swedish dairy sector

K. F. Stock: Genomic evaluation and genomic selection in the horse: key aspects of development

M. Cox: From equine genetics to genomics: considerations for breeders and their veterinarians

G. Mantziaras: The art of determination of ovulation timing in the bitch

M. Beccaglia: Fetal biometry in the bitch and queen

H. Ververidis: Estimating the date for elective Caesarean section in the bitch

19.30-20.30 Posters Nr 1-60

Wednesday 13 October 2021

18.00-18.30 **Keynote lecture 2**

Chair JF Bruyas

M. Hidalgo: Recent advances in donkey sperm vitrification

18.30-19.30 **4 Parallel Workshops**

W. Marei: Metabolic stress, oocyte quality and infertility in dairy cows. Can we intervene?

M. Sheldon: Immunometabolism and infertility in dairy cows

D. Bergonier: Mastitis in small ruminants: recent advances

G. Fthenakis: Update on diagnosis of mastitis in sheep

N. Papavramidou: Ancient primary sources on animal reproduction through the lens of a historian of human medicine

L. Parrilla: Boar seminal plasma and reproductive events: a close relationship

C.A. Martinez: Maternal immune rejection of allogeneic pig embryos: molecular signaling during the post-implantation period

M. Alvarez-Rodriguez: Gene expression in the mated/inseminated sow internal genital tract during pre-ovulatory oestrus

19.30-20.30 Posters Nr 61-120

Thursday 14 October 2021

18.00-18.30 **Keynote lecture 3**

Chair T. Dovenski

K. Dafopoulos: Human medicine: 40 years after Louise Brown

18.30-19.30 **Oral communication session 1**

Chair T. Dovenski

1.1 (1482) M. Meyerholz: Lower IL1RA / IL1 β ratio in uterine secretions of cows with subclinical endometritis

1.2 (1481) S. Schabmeyer: Optimized bovine endometrial explant model to test for inducibility of type 1 interferon receptor subunits

1.3 (1456) L. Lietaer: Dynamics of uterine polymorphonuclear leukocytes in healthy postpartum dairy cows

1.4 (1209) A. Grahofner: Effect of different sow traits on the placenta characteristics of sows in a free farrowing system

1.5 (1479) A.S. Bergqvist: Caesarian section in guinea pigs: a survey among Swedish veterinarians

19.30-20.30 Posters Nr 121-180

Friday 15 October 2021

18.00-18.30 **Keynote lecture 4**

Chair A. Waldmann

P. Mermillod: Early embryo-maternal dialogue in the oviduct, a fine tuning to secure the success of pregnancy in mammals

18.30-19.30 **Oral communication session 2**

Chair A. Waldmann

2.1 (1176) Y. Silyukova: Development of an effective medium for cryopreservation of rooster semen using a disaccharide

2.2 (1322) E. Tvrdá: Dose- and time-dependent effects of naringenin on the viability of bovine spermatozoa

2.3 (1359) F. Martínez-Pastor: Cold shock enables selecting boars producing seminal plasma for improving post-thawing sperm quality

2.4 (1419) V. Mevel: Effect of two holding medium and two temperatures ($\approx 22^{\circ}\text{C}$ and $\approx 4^{\circ}\text{C}$) on maturation rate and viability of immature equine cumulus-oocyte complexes after overnight holding

2.5 1221 K. Stamperna: Effects of HSP70 addition in the IVM medium of heat stressed oocytes

19.30-20.45 Posters Nr 181-240

Student posters 1-10

Saturday 16 October 2021

08.30-09.00 **Keynote lecture 5**

Chair J Roelofs

G. Gnemmi: Strategies to alleviate the effect of heat stress on dairy cows' fertility - basic and applied aspects

09.00-10.15 **Young Scientists Competition**

Chair G. Opsomer

YSC1 (1220) S. Ruiz-Díaz: Sperm selection by thermotaxis in bull

YSC2 (1340) L. Neubrand: In vivo dynamics of oviduct-specific glycoprotein 1 (OVGP1) in dairy cows and heifers

YSC3 (1357) S. Shabaeva: Ovulatory dystocia in a turtle, a case report

YSC4 (1362) E. Lacalle: Low density SLC of boar semen with 20% Porcicoll is effective in improving sperm quality and maintaining DNA integrity during storage

YSC5 (1377) M. Melandri: A biotic support during pregnancy to strengthen colostrum quality and gastrointestinal performance in puppies

YSC6 (1406) N. Laseca: Foaling number are highly affected by the genomic ECAX homozygosity in the Pura Raza Spanish mares

YSC7 (1446) P. Malaluang: Antibiotic resistance in vaginal bacteria of inseminated mares

YSC9 (1465) Y. Mateo-Otero: Relationship between the Aldose Reductase B1 present in pig seminal plasma and sperm physiology

YSC10 (1466) M. Llavanera: Sperm chromatin condensation assessed by flow cytometry is a biomarker of male in vivo fertility in bulls

10.15-10.30 **Break**

10.30-11.30 **Oral communication session 3**

Chair G. Hirsbrunner

3.1 (1404) M. Masko: The pattern of superficial body temperatures in crucial body areas of foals at weaning age

3.2 (1439) A. Korzekwa: Uterine susceptibility to pathogen infections in roe deer in forest and field biotope

3.3 (1215) A. Tsaousioti: Dam and calf factors affecting dystocia in dairy heifers

3.4 (1158) M. Schrank: Immunohistochemical analysis of steroid hormone receptor expression in extra-genital tissue of female dogs

3.5 (1384) J. Roelofs: Estrus detection with an accelerometer is not affected by milk production

11.45-12.45 **ESDAR AGM**

12.45-13.15 **Awards and end**