

Oral communications ESDAR 2024

Friday 13.09.2024, 12.10 – 13.10; 4 parallel oral communication sessions (OC 1-4)

Presentations of 12 minutes and 3 minutes of discussion

OC 1 (Spermatology)

- 1.1: Antimicrobial resistant bacteria in shipped stallion semen and uterine lavage fluid after insemination (J. Marttila et al. - 2024 – Finland)
- 1.2: Effects of short-term exposure of nanoplastics on *Dicentrarchus labrax* sperm (H. Djafar et al. - 2028 – Spain) *M.M. Rivera del Alamo presenting*
- 1.3: Superoxide dismutase inhibition hastens protein phosphorylation during equine sperm capacitation (J.M. Ortiz Rodriguez et al.- 2044 – Italy)
- 1.4: Does sperm selection prevent lasting effects of heat stress exposure in bulls? (P. Awal et al. - 2130 – Belgium)

OC 2 (Andrology)

- 2.1: Evaluation of spermatogenesis in stallions after GnRH immunization and re-stimulation of testicular function with a GnRH agonist (A.R. Shendi et al. - 2019 - Austria)
- 2.2: Immunolocalization of Aquaporins on stallion spermatozoa and their link to fertility (M.O. Yazlik et al. - 2052 - Turkey)
- 2.3: Evaluating the in vitro effects of Florasulam exposure on epididymal bull sperm and testicular cells (A. Kaya et al. - 2068 - Turkey)
- 2.4: Canine sperm cell aging: Apoptotic, antioxidant, and sperm functional characteristics in fresh semen of adult and senior dogs (K. Abah et al. - 2121 – Poland)

OC 3 (Behaviour and Reproduction)

- 3.1: How does dairy cow-calf contact affect reproductive performance in Norwegian Red? (R.T. Garmo et al. – 2033 – Norway)
- 3.2: Effect of season on the histomorphometric changes of testicular tissues and testosterone concentrations of Algerian local donkeys (*Equus asinus*) (A. Ayad et al.- 2045 – Algeria)
- 3.3: Estrous cycle suppression and endometrial bacteria isolation in female donkeys with the use of the intrauterine device iUPOD® (M. Quaresma et al.- 2093 – Portugal)
- 3.4: Nerve growth factor system identification in the male and female gonads of an invasive alien grey squirrel (*Sciurus Carolinensis*) population (C. Dall'Aglio et al. - 2134 – Italy)

OC 4 (Other)

- 4.1: Relation of reproductive disorders to *Coxiella burnetii* positive status in dairy cattle (G. Ringa-Osleja et al. - 2141 – Latvia)
- 4.2: Extending in vitro culture periods enhances oocyte growth and competency in cumulus-oocyte complexes (COCs) derived from sheep early antral follicles (M. Ebrahimi et al. - 2067 - Italy)
- 4.3: Potential role of NF-κB in regulating imprinted genes in bovine-growing ovarian follicles (T. Ahcene-Mekdoud et al.- 2103 – Germany)

4.4: Potential influences of heat stress on quality and mitochondrial activity of stressed and non-stressed bovine spermatozoa (M. Saeed-Zidane et al. – 2124 – Germany)

Saturday 14.09.2024, 11.00 – 12.00; 4 parallel oral communication sessions (OC 5-8)

Presentations of 12 minutes and 3 minutes of discussion

OC 5 (Obstetrics)

5.1: Influence of age and inbreeding on incidence and prevalence of RFM (retained fetal membranes) in Lipizzan mares (N. Prvanovic Babic et al. - 2040 – Croatia)

5.2: Differences in proliferation of the allantochorion between mares with and without ascending bacterial placentitis (M. Melchert et al. - 2049 - Austria)

5.3: A multivariate approach to determining the relationships between hematological indices and LPS concentration, antioxidant activity in bitches with pyometra (U. Kaya et al.- 2051 – Turkey)

5.4: Prevalence, management and outcome of vaginal prolapse in beef cows (M. Probo et al. - 2053 – Italy)

OC 6 (Nutrition / Endocrinology)

6.1: Clinical, ovulatory and histological effect of a postnatal testosterone treatment in female dogs (C. Marchetti et al. - 2001 – Argentina)

6.2: Seasonal variation of the nerve growth factor (NGF) in seminal plasma and presence and expression of NGF system on the genital tract of rams (ovis aries) (M Maranesi et al. - 2119 – Italy)

6.3: Long-term impact of diarrhea and bovine respiratory disease during rearing on reproductive performance in dairy heifers (M.I. Cuevas Gómez et al.- 2020 – Spain)

6.4: Diagnosis, therapy and prophylactic measures of periparturient hypocalcemia in cattle: results of an online survey for Swedish veterinarians (A. Eriksson et al. - 2014 - Sweden) *Th. Ntallaris presenting*

OC 7 (Gynaecology)

7.1: Microbiota in the reproductive tract differs between pregnant and non-pregnant dairy cows (Th. Ntallaris et al. - 2078 - Sweden)

7.2: Certain cervical mucus parameters after estrus induction in dairy cows may be related to the success of artificial Insemination with sexed beef semen (S. Tsiligianni et al. - 2063 – Greece)

7.3: Association of subclinical endometritis with acycilia and their additive effect on fertility performance in dairy cows (W. Barański et al.- 2110 – Poland)

7.4: A survey of the gross and cytological findings of female bovine reproductive tracts in Trinidad and Tobago (K. Jaggernath et al. - 2153 – Trinidad and Tobago)

OC 8 (Other)

8.1: Expression and role of sirtuin 1 and sirtuin 6 in the porcine early placenta trophoblast (M. Szymanska et al. - 2027 – Poland)

8.2: Perfluorooctanoic acid (PFOA) impact on bovine luteal cells: viability, steroidogenesis, and molecular responses (R. Kabakçi et al. - 2065 - Turkey)

8.3: Longitudinal study on telomere length and lifetime production in dairy heifers (M. Dewulf et al.- 2125 – Belgium)

8.4: Survival and culling reasons of dairy cows in a cow-calf contact system (A. Edvardsson Rasmussen et al. - 2147 – Sweden)