

29TH ANNUAL ESDAR CONFERENCE & 4TH ECAR SYMPOSIUM

17.09.2026 (Thursday)

19.00-22.00 – Welcome reception

18.09.2026 (Friday)

07.45 – 08.15 **Opening session**

Welcome by ESDAR and ECAR President

Welcome by LOC / Polish Universities

08.15-09.30 **Plenary session 1**

8.15-08.50 Keynote lecture 1 - David Noakes memorial Lecture - Michael Morris – A Review of parturition and the puerperium in the modern dairy cow

8.50-9.00 Platin Sponsor

9.00-9.35 Key-note lecture 2: Thomas Hildebrand: New conservation approach for critically endangered mammalian species

9.35–10.15 **Oral presentations ECAR residents**

List of ECAR Oral communications (5 Min + 1 discussion)

ECAR 1

O. Sajecka - Association of Flunixin meglumine treatment with embryonic survival after manual reduction of multiple pregnancies in mares

ECAR 2

I. Khemri - Non-invasive progesterone measurement in the bitch: comparison of salivary, urinary, and blood samples

ECAR 3

J. Carvalho - Deslorelin implants can reduce cystinuria in male dogs: a retrospective case series

ECAR 4

E. Sinem Özdemir Salcı - Histologic characterization of the rabbit cervix following induction of parturition with dexamethasone alone or in combination with aglepristone and misoprostol

ECAR 5

H. Farnia - Do stallions differ in sperm freezability? Evidence for a phenotype from antioxidant and equilibration studies

ECAR 6

M. Allaerd - Vulvoplasty: surgical treatment of recessed vulva in bitches

10.15 – 10.45 Coffee break

10.45 – 11.50 **Young scientist communication**

YSC 1

D. Petrauskaitė – Effects of bioelectronic technology on boar semen quality during short- and long-term storage

YSC 2

D. G. Collado – Early embryo-maternal communication is mediated by extracellular vesicle miRNAs in the porcine uterine fluid

YSC 3

M. Cesauri - Kisspeptinergic system during aging in Boar (*Sus scrofa*) testes

YSC 4

E. Elekidou - Impact of magnetization of extender water on chilled canine semen

YSC 5

P. Vallejo-Soto - Comparative analysis of mare and jenny follicular fluid influence on stallion sperm parameters

YSC 6

Ch. Ottino – Within-litter variability in canine fetal biparietal diameter and in neonatal skull diameter: implications for ultrasound-based prediction of parturition date

YSC 7

M. Krupa – Metagenomic and metabolomic characterization of the uterus of grazing dairy cows with clinical or subclinical endometritis

YSC 8

A. Lauciello - Stallion distal genital tract and seminal microbiomes remain stable following regular semen collection but differ by sample type

YSC 9

I. Imposimato - Equine pregnancy and perinatal loss: developing a participatory surveillance system in northern Italy

YSC10

L. Tovar -Pascual - Effect of follicular fluid-derived small extracellular vesicles from cows with uterine disease on in vitro embryo development and quality in an individual culture system

12.00–13.00 **Oral communications I (4x4 OC's)**

OC1 Spermatology

1.1 Optimizing equilibration time and crocin supplementation to enhance stallion sperm cryosurvival – H.Farnia

1.2. Assessment of toxic and antimicrobial effects of tin oxide nanoparticles on ram semen - A. Ntemka

1.3. Evaluation of serum Aquaporins' levels by discriminant analysis in differentiating low and high progressive motility in stallion spermatozoa – U.Kaya

1.4. A study on the correlation between anogenital distance and conformation traits, such as rump angle, in dairy cattle – B.Beci (G. Opsomer presenting)

OC2 Gynecology

- 2.1. Bacterial signatures are breed-specific in the anterior vaginal microbiome of cattle – T. Ntallaris
- 2.2. Canine vaginal cytology - do we need to use a speculum? – S. Arlt
- 2.3. Ultrasonographic evaluation of CTUP and fetal fluid ecogenicity in late gestation in Furioso-North Star mares – F. Bucaciuc-Mracica
- 2.4. Inside the womb: The proximal phalanx as potential marker for fetal maturity in Shetland Ponies – L. M. Ahrens

OC3 Gynecology/Mammary gland/other

- 3.1. Endemic circulation of Schmallenberg virus in Swedish Dairy Cattle? Results from a national bulk tank milk serosurvey and retrospective analysis of congenital malformations (2014–2024) - D Seligsohn
- 3.2. Seroprevalence of Neospora caninum in Eringer cows – A prospective, representative field study - G. Hirsbrunner
- 3.3. Cytological evaluation of mammary gland secretions in peripartum pony mares - S. Römer
- 3.4. Uterine microbiome composition and function in mares with positive bacterial culture, with or without cytological endometritis - F. Mendoza

OC4 Other

- 4.1. Congenital malformations in foals – I. Imposimato
- 4.2. The placenta concentration of Interleukin-1 β varies throughout the pregnancy in queens - M. Pascual González (M. M. Rivera del Alamo presenting)
- 4.3. Differential role of cumulus cells in mitochondrial distribution and lipid accumulation in murine and bovine oocytes during final maturation -T. Yurchuk
- 4.4. Sirtuin 6 mitigates oxidative stress and promotes mitochondrial biogenesis in porcine early placenta trophoblast - M. Szymanska

13.00-14.00 **Lunch Break**

13.00-14.00 **Meeting of the ESDAR Country Representatives (+ lunch)**

14.00-15.30 **Poster session I**

15.15-15.45 **Coffee Break**

15.45-16.15 ECAR AGM

16.15 – 17.45 **Parallel Workshops 1-3 , How to do session I**

WS1 – **Alexander Grahofer** – Philipp Egli

How to improve maternal behavior and reduce piglet mortality in free farrowing systems – Alexander Grahofer

WS 2 – **Manuel Hidalgo** - Isabel Ortiz - Pilar Valejo-Soto

Similarities and differences in donkey and horse male and female reproduction

WS 3 - **Osvaldo Bogado Pascottini** – Uxia Yanez - Milena Krupa – Dawid Tobolski

Novel aspects of endometritis in dairy cows: from molecular to practical approaches

ECAR How-to-do session 1 – **Pawel Kordowitzki** - Jane Morrell

Updates on the most common procedures in reproductive biotechnology

20.00 – **Gala dinner**

19.09.2026 (Saturday)

08.30-10.00 - **Plenary session 2**

8.30-9.10 Keynote lecture 3: Sandra Goericke-Pesch – Uterine disfunctions in companion animals.

9.10-9.20 Gold sponsor

9.20-10.00 Keynote lecture 4: Pat Lonergan - Pregnancy outcomes following artificial insemination and embryo transfer in dairy cows - expectations vs. reality

10.00 – 10.30 **Coffee Break**

10.30 - 11.30 **Oral communications II (4x4 OC's)**

OC5 Andrology

5.1. Ultrasonographic characteristics of acute prostatitis and prostatic abscesses in dogs – S. Spada

5.2. Comparative analysis of testicular morphology and epididymal sperm quality in captive and free-ranging (Wild) Red Deer (*Cervus elaphus elaphus*) - N. Sutkeviciene

5.3. Improvement of sperm recovery after seminal plasma removal by membrane filtration in Austrian draft horse stallions – L. Paar

5.4. Alterations in vascular endothelial growth factor (VEGF) signaling in canine impaired spermatogenesis - T. Girnth

OC6 Obstetrics

6.1. Eight cases in 25 years — Uterine torsion is a rare condition in cats – M. Kaps

6.2. Pre-hospital obstetrical interventions and foal survival: A retrospective analysis of equine dystocia in Sweden - M. Verbruggen

- 6.3. Systematic review of therapeutic approaches to retained fetal membranes in mares – M. Supryn
6.4. Intrafollicular Interleukin-10 measured by SPRI as a potential biomarker of bovine embryo development - A. Pytel

OC7 Endocrinology / Embryo transfer

- 7.1. In vitro effect of spexin on the regulation of porcine oocyte maturation and metabolic activity: involvement of MAPK3/1 and AMPK signaling pathways - P. Kurowska
7.2. Dysregulation of steroidogenic pathways and hormonal imbalance in pesticide-exposed roosters - A. Partyka
7.3. Reproductive fluids supplementation during in vitro embryo culture preserves glycosaminoglycan content in the porcine umbilical cord – M. Mikita
7.4. Detection of cell-free DNA in spent blastocyst medium of in vitro-produced domestic cat embryos: a pilot study – M. Meco

OC8 Nutrition / Other

- 8.1. Grape pomace supplementation modulates circulating miRNA signatures associated to metabolic regulation in dairy sheep - M. Maranesi
8.2. Late gestation heat stress induces placental dysfunction in the ewe and neonatal hypoxia in lambs – L. Casarotto
8.3. Placental tissues transcriptomics reveal time-associated gene expression patterns in equine retained fetal membrane - J. Przeborowska
8.4. Nanoplastics compromise redox homeostasis in porcine cumulus cells during In vitro maturation - S. Dindo

11.30 – 12.15 **ESDAR Annual business meeting**

12.15 – 13.15 **Lunch**

13.15 – 14.45 **Poster session II**

14.30 -15.00 **Coffee Break**

15.00 – 16.30 **Workshops 4-6, How to do session II**

WS4 – **Sebastian Arlt** – Sabine Schäfer-Somi

Castration consultation - between practitioners and pet owners

WS 5 – **Roman Dąbrowski** - Marco Wochnik - Marta Kankofer

Artificial intelligence and virtual reality in reproduction and education

WS 6 - **Anna Rapacz-Leonard** – Davis Laundon

From placental attachment to placental release: retained fetal membranes as a model of postpartum placental dysfunction

ECAR How-do-to session 2 – **Stefan Björkmann**

ECAR Exam 2025: Feedback and Future Training Implications

16.30 – 17.00 **Closure of the meeting, prizes**