

PROGRAMME



ECAR
European College of Animal Reproduction

2nd Symposium of the European College of Animal Reproduction (ECAR)

2024
May 31st & June 1st

Careum Zurich,
Switzerland

www.ecar2024.org

WELCOME MESSAGE

Dear Repro fans,

Welcome to the second edition of the ECAR symposium in Zürich! The first edition was held in Vienna in 2019 (many thanks to Christine and Jorg Aurich) but despite its success, the continuation of the series was curtailed by the worldwide spread of a small virus. Therefore, we are very happy to organize this second meeting, as an opportunity to share basic science and clinical experience in the area of animal reproduction. Through the general program but also in the oral presentations and posters, the symposium will provide the multispecies approach, opening minds and inspiring new ideas. This conference will encourage discussion, between ECAR residents, diplomates, practitioners and more generally, between all the attendees, sharing their motivation to better understand and control animal reproduction.

Two teams have invested a lot of time and energy to organize this conference: the local organizing committee here in Zürich, driven by Prof. Sebastian Arlt, and the scientific team, headed by Dr Emmanuel Topie and Dr Kathrin Kirchhoff. Heartfelt thanks to each and every one of you!

On behalf of ECAR Board and of all the people who contributed to its organization, I hope you will all find this symposium stimulating.

Prof. Sylvie CHASTANT
ECAR President

Executive Board & Scientific Committee

Sebastian Arlt
Stefan Björkman
Sylvie Chastant
Stefan Deleuze
Jan Govaere
Alexander Grahofer
Johannes Herbel
Gabriela Hirsbrunner
Maria Kareskoski
Emmet Kelly
Kathrin Teejl Kirchhoff
Christiane Otzdorff
Emmanuel Topie
Angelika von Heimendahl

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FRIDAY
MAY 2024

9.00	Welcome ceremony		
9.30	Semen collection, analysis, and insemination of birds of prey or parrots D. Fischer Research on reproduction is essential for conservation breeding: the Iberian lynx case K. Jewgenow Embryonic diapause in roe deer S. Ulbrich		
11.00	Coffee break		
		AUDITORIUM	ROOM 1
11.30	SMALL ANIMALS Genetics in dog breeding A. Letko <ul style="list-style-type: none">Clinical expression and epidemiology of canine mammary masses S. ChastantInflammatory signals mediated by interleukin 1β (IL1β) disrupt the function of decidualized uterine stromal cells in the dog, possibly affecting the outcome of pregnancy M. Tavares PereiraNew insights into uterine responses to embryo-maternal communication in canine pregnancy: distinguishing embryonal and seminal plasma-derived signals A. Mushati KudzaisheDiseases of the male reproductive organs in male felids. Occurrence, therapy and significance M. Schroeder		EQUINE A stallion spermatozoon's journey through the mare's genital tract: in vivo and in vitro aspects of sperm capacitation B. Leemans <ul style="list-style-type: none">Effectiveness of platelet-rich plasma as a uterine treatment for Jennies inseminated with frozen donkey semen Y. Sancler-SilvaEndometrial expression of antimicrobial peptides as markers of subclinical endometritis in mares R. MoroniEffects of diet supplementation with antioxidants in late-term pregnant mares C. Del PreteEffect of a novel synthetic extender (Beyond®) on total and progressive motility and fertility after up to 14 days of cooled storage of equine semen M. Verbruggen
13.00	Lunch		
13.45	ECAR AGM		

AUDITORIUM

POSTER AREA

14.30 **BIOTECH**
Advanced techniques in Spermatology [E. Malama](#)

- An evaluation of the potential impact of the antioxidant Crocin with different concentrations on the quality of cooled liquid storage stallion spermatozoa [H. Farnia](#)
- Effect of different equilibration time in freezing process on post-thaw mobility parameters in equine spermatozoa. [H. Farnia](#)
- Impact of low-dose ozone supplementation on motility parameters and bacterial growth in horse cryopreserved semen [D. Fanelli](#)



16.00 Coffee break

AUDITORIUM

ROOM 1

16.30 **RUMINANTS HOW TO DO/ CLINICAL CASES**
Daily Reproduction business in livestock [M. Drillich](#)

- How-to-do 1: How to approach reproductive surgical procedures in the bull [E. Kelly](#)
- How-to-do 2: Calving your dairy cows [M. Morris](#)
- Exploring Bovine Sub-Clinical Endometritis's Impact on Embryo Recovery: A Case Analysis [A. Amaral](#)
- Induced placentitis after vaginal manipulation in late pregnant alpacas [M. Melchert](#)

EQUINE HOW TO DO/CLINICAL CASES
Corpus luteum development and function in mares [C. Aurich](#)

- How-to-do 1: Practical management of fertility in aged mares: Infertility or subfertility [H. Farnia](#)
- How-to-do 2: Thoracic compression to reduce twin pregnancy at 55-65 days in the mare [J. Govaere](#)
- Mare with urinary incontinence [A. Lutzer](#)
- Chromosomes and Veterinary Medicine? [C. Schelling](#)

20.00 Gala Dinner at
 Zunfthaus zur Zimmerleuten

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SATURDAY
 JUNE 2024

9.00 Animal reproduction in different species in a real-life practice
[U. Küchenmeister](#)
 Dog semen banking [C. Otzdorff](#)
 Spermatic cord adhesions as a complication after castration in stallions
[S. Kirchhoff](#)

10.30 Coffee break

AUDITORIUM

ROOM 1

11.00 **RUMINANTS**
Anti-GnRH vaccines in cattle
[G. Hirsbrunner](#)

- Age and Parity Influence on Portuguese Beef Cattle Superovulation Outcomes [M. Cerveira-Pinto](#)
- Anti-Müllerian hormone (AMH) in bulls: a potential fertility marker? [C. Otzdorff](#)
- Exogenous FSH/LH mediates TGF beta signalling pathway in granulosa cells of Simmental heifers without affecting IVP results [D. Scarlet](#)
- A Retrospective Case Series of the Surgical Management of Thirty One Penile Fibropapilloma Cases presented to University College Dublin Veterinary Hospital (UCDVH) between 2017 and 2023 [E. Kelly](#)

PORCINE
Evidence and research on the farrowing process of free farrowing sows [A. Grahofer](#)

- Influence of glycemia on farrowing characteristics in a free farrowing system [L. Schulthess](#)
- Influence of different sow and piglet characteristics on uterine involution in free farrowing sows [P. Egli](#)
- Influence of the intrauterine application of a phytotherapeutic agent and sow related factors on the uterine involution in a free farrowing system [J. Adam](#)
- Effect of postpartum ionised calcium blood levels on puerperium health and uterine involution in free farrowing sows [A. Grahofer](#)

12.30 Lunch

AUDITORIUM

14.00

BIOTECH

A practical approach to OPU in cattle [P. May](#)

- How-to-do 1 : Epididymal semen collection and freezing in stallions [C. Otzdorff](#)
- How-to-do 1 : Flow cytometry and semen analysis: understanding the machine and its results [S. Egyptian](#)
- Blastocyst formation in IVF is similar to ICSI in horses [K. Broothaers](#)
- Impact of embryo biopsy and post-thaw morphological characteristics on developmental competence of in-vitro produced equine blastocysts [L. Arnold](#)

15.30

Coffee break

AUDITORIUM

16.00

SMALL ANIMAL HOW TO DO/ CLINICAL CASES

Side effects of castration incl incontinence [I. Reichler](#)

- How-to-do 1 : Canine prostatic investigations: how to do a prostatic wash and read its cytology? [S. Egyptian](#)
- How-to-do 2 : Practical approach of canine dystocia [E. Topie](#)
- Case report: Low postpartal body weight development and low IGF-1 levels as a possible cause of infertility in a female cat [S. Björkman](#)
- Cervical Suture Granuloma resulting in Hydronephrosis following ovariohysterectomy in a canine patient [S. Spada](#)

17.30

Closing Ceremony and Prices

POSTER AREA



ROOM 1

PORCINE HOW TO DO/CLINICAL CASES

Ovum pick-up and in-vitro embryo production in pigs [M. Oropeza-Moe](#)

- How-to evaluate oestrus detection and insemination strategy in a piggery [S. Björkman](#)
- Effect of inseminator and artificial insemination management on reproductive performance characteristics in sows [A. Grahofner](#)
- Evaluation of macroscopic parameters and the influence on the reproductive cycle of the urogenital tract in slaughtered sows [P. Egli](#)
- Ultrasonographic examination of the mammary gland in the peripartal period of sows in a free farrowing system [A. Grahofner](#)

GENERAL INFORMATION

SYMPOSIUM VENUE

Careum Auditorium
Pestalozzistrasse 11,
8032 Zürich

OFFICIAL LANGUAGE

The official language of the Symposium is English. No simultaneous translation is provided.

CERTIFICATE OF ATTENDANCE

All properly registered attendees will receive a certificate of attendance via e-mail, the week after the congress.

POSTERS AND ABSTRACTS

Posters are displayed at the venue on May 31st and June 1st. All abstracts are published on ECAR website - www.ecarcollege.org

WIRELESS CONNECTION

In the venue there is a complimentary guest WiFi service.

ONSITE REGISTRATION

Full Registration	€550,00
Day Registration	€450,00

Delegates can pay registration fees in euros only; cash or credit card (American Express, MasterCard, Visa) accepted.



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ECAR

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