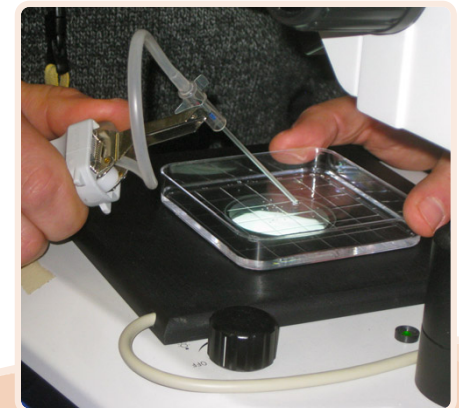




Arbeitsgruppe Pferd presents:

# EQUINE REPRODUCTION DAYS 2022: OVUM PICKUP

November 4 – 6, 2022, in Livet, France in cooperation with Centre Hospitalier Vétérinaire Equin de Livet



This course provides up to 21 advanced practitioners with state-of-the-art lectures on equine Embryo Transfer (ET), Ovum Pick Up (OPU) and Intra-Cytoplasmic Sperm Injection (ICSI). There will be unique opportunities to improve hands-on clinical skills in practical procedures. The instructors will be **Etta Bradecamp**, **Anthony Claes**, **Peter Daels** and **Jannie Spanner**.

[www.agpferd.com/equine-reproduction-days](http://www.agpferd.com/equine-reproduction-days)

# EQUINE REPRODUCTION DAYS 2022: OVUM PICK UP

 IN FRANCE

November 4 to 6, 2022 in Livet, France



## Location

At the Equine clinic

### Centre Hospitalier Vétérinaire Equin de Livet

Cour Samson, 14140 St Michel de Livet, France

Phone +33(0) 231630105

[www.chve-livet.com](http://www.chve-livet.com)

## Accommodation in Lisieux

The City of Lisieux is located 20 km from the clinic, about 25 minutes by car. For Hotels please search [www.tripadvisor.com](http://www.tripadvisor.com) for "Ville de Lisieux" or see [www.agpferd.com/equine-reproduction-days](http://www.agpferd.com/equine-reproduction-days)

## Further information

On the area:

[www.calvados-dupont.com/en/pays-auge-tourism.htm](http://www.calvados-dupont.com/en/pays-auge-tourism.htm)

Continuous professional education accreditation will be requested with German Academy for Continuous Veterinary Education (ATF).

All presentations are in English

For more information and bios of speakers please see

[www.agpferd.com/equine-reproduction-days](http://www.agpferd.com/equine-reproduction-days)

## PROGRAM

### Friday, November 4

10:00 Lectures

- Introduction to equine embryo transfer: Place/role of ET in your practice; goals and results; equipment and investments; overview of the evolution of ET in Europe.
- Embryo collection: Different techniques; timing of flushing according to different situations; material and instruments needed; success rates; influence of fresh/frozen semen on the timing and size of the embryo; recipient synchrony; influence of the age of mare and time of the year, tips and tricks in the collection and flushing of the donor mare.
- Embryo manipulation: Searching, evaluating, manipulating, washing, preparing the embryo for immediate transfer; instrumentation and material needed for embryo manipulation and short-term conservation.
- Storing and shipping embryos: Cooled storage devices; embryo holding medium; temperature and storage duration; results; import/export regulations.
- Freezing and cryopreserving embryos: Why is it so difficult? Which embryos are best for freezing? Equine embryo freezing kits; is embryo collapse a good technique?
- Thawing ICSI embryos: both the in vivo embryos and the ICSI slow frozen and vitrified.

13:00 Lunch

14:00 Demos and Wet Labs

- Transfer of embryos: Techniques and instrumentation; materials to use in Europe for ET.
- OPU demonstration
- Embryo collection on live mare demonstration

18:00 End

18:15 Pétanque tournament with cheese, poiré, cidré, calvados and more

### Saturday, November 5

09:00 Lectures

- Ovum Pick up: Why choose it? the technique; required equipment; investments; pre-ovulatory follicle vs all follicles; oocyte recovery rates; collecting ovaries/oocytes post-mortem; shipping ovaries; costs associated with the procedure, comparison with conventional ET
- Searching and handling oocytes
- ICSI: The technique; expectations; requirements; factors influencing the success rate (donor mare, stallion fertility)
- Selecting the donor mares for ICSI: Which mares are good candidates to recommend OPU/ICSI?

- Systematic approach to mare infertility by means of assisted reproduction technologies; transferring ICSI embryos in your practice

12:45 Lunch

13:45 Demos and Wet Labs

Participants will be divided in 3 groups to run the following wet labs of 1 h duration each

Wet lab A: Performing OPU

Wet lab B: Oocyte search and packaging for shipment

Wet lab C: Review of materials for classic ET with Q&A

18:00 End

18:30 Dinner in Livarot

### Sunday, November 6

08:30 Demos and Wet Labs

Participants will be divided in 3 groups to run the following wet labs of 1 h duration each

Wet lab D: Thawing and transferring ICSI embryos & freezing in vivo embryos

Wet lab E: Transfer of embryo in a live mare (manual vs Wilsher)

Wet lab F: How to set up and problem shoot OPU set up.

12:00 Lunch

13:00 Debates on

- Sanitary requirements for shipment of oocytes and embryos across borders and for semen to be used for ICSI
- Price setting of OPU services
- Integrating ART in your practice: Is there a place for OPU in your practice?
- Expectations and results: What are reasonable expectations with classic ET, OPU, ICSI and transfer of in vivo and in vitro embryos?
- ICSI: What does it take to set up an ICSI lab? Facilities, instrumentation, quality control.

16:30 End

## Further information on AGP



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For more equine vet professionals education check under events in

[www.agpferd.com](http://www.agpferd.com)