

## Vienna Cryo & Embryo Transfer Course

August 28<sup>th</sup> - September 1<sup>st</sup>, 2017

The Institute of Laboratory Animal Science and Biomodels Austria at the University of Veterinary Medicine Vienna offer a comprehensive course on cryopreservation, embryo transfer and other methods of assisted reproduction in mice. The course is intended to give technicians and scientists state-of-the-art background knowledge and hands-on training in the methods routinely used at the Vetmeduni Vienna.

The Course will include:

- **Theory Lectures:**

Mouse Anatomy and Biology of Reproduction, Introduction to Embryo Transfer, Anesthesia & Analgesia, Introduction to Sperm Freezing, *In Vitro* Fertilisation and Embryo Freezing methods, The European Mouse Mutant Archive, Worldwide shipping of mice and of cooled / frozen material

- **Hands-on Practical Training:**

Preparation of Media and Capillaries, Sperm Collection and Cryopreservation, Superovulation, Oviduct and Uterus Flushing, Handling and Culture of Preimplantation Embryos, *In vitro* Fertilisation, Controlled Freezing of 2-cell embryos, Vasectomy, Plug Check of Recipients, Surgical Oviduct and Uterus Embryo Transfer

- **Demonstrations:**

Percutaneous and Microsurgical Collection of Spermatozoa from Live Mice, Ovary Transplantation; Non-surgical Embryo Transfer

- **Enrollment**

Enrollment is limited to **6** participants. Early application is advised.

- **Workshop Fees\*:**

Academic or Non-Profit Institutions: **Euro 900.00**

Other Institutions: **Euro 1,200.00**

***\*Fees do not include participant's travel and lodging.***

Registration will be open as of **May 2nd 2017, 9:00 am**. A fully completed form is required for registration. Please follow the Link to the online registration form:

<http://www.vetmeduni.ac.at/de/labortierkunde/kurse/cryo-embryo-transfer-course/>

