



LASA Animal Science (Transgenic) Section

Cryopreservation & Assisted Reproductive Technologies in GA lab animals: Best practice, tips & tools A technical working group meeting

Draft Programme

Monday 22nd June 2020

- 13:00 *Arrival, registration and exhibition*
- 14:00 **Seminars;**
- Cryobiology & conservation
 - Metabolism of the preimplantation embryo, & early embryology
 - Embryology and engineering the human germline; altering societies moral standpoint
- 17:00 *Refreshments and exhibition*
- 18:00 *Buffet dinner and networking*

Tuesday 23rd June 2020

- 09:00 *Registration and coffee*
- 09:30 **History of Cryopreservation & ART**
Invited Speaker
- 10:00 **Innovations & tips for cryopreservation:** vitrification, Repositories, ovaries, shipping methods (live & frozen)
- 11:30 **Other species**
- 12:15 *Lunch and exhibition*
- 13:45 **Assisted Reproductive Technology (IVF, ICSI & AI):** Hyperovulation, rescue methods and tricks
- 15:30 **Alternative uses for cryo and ART;** colony management from the freezer, genetic stability plans, microinjection of cryopreserved embryos.
- 16:15 *Close*