



NCBS 3rd Mouse Cryobiology / IVF Workshop

August 15th – 22nd 2019

National Center for Biological Sciences (NCBS),
Tata Institute of Fundamental Research, GKVK PO, Bellary Road, Bengaluru 560065, INDIA
Workshop partially supported by the NaMoR grant of DBT – Indian Department of BioTechnology

Application Deadline : July 18th , 2019

[CLICK >HERE< to apply](#)

Organizers: Dr. Aurelie Jory – LILY & Dr. Latha Chukki
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Courses and Lectures:

- Methods in cryobiology and ARTs (Assisted Reproductive Technologies) (lectures)
- Embryo Transfer pipette design and embryo handling (lab practical)
- Sperm harvesting & Cryopreservation (lectures and lab practical)
- Embryo harvesting, cryopreservation / vitrification (lectures and lab practical)
- Sperm and embryo cryo-recovery / IVF – In Vitro Fertilization techniques and methodologies (lectures and lab practical)
- surgical oviduct & uterine embryo transfer (lab practical / demonstrations)
- non surgical uterine embryo transfer (lab practical / demonstrations)
- Male vasectomy- (demonstration and lab practicals)
- Different modes of germplasm transportation, shipment procedures and related administrative and logistic requirements (lecture).
- establishment of mouse repositories, data and colony management, repository operations and quality controls and stock sharing policies (lecture)
- Basics on mouse transgenesis technology and latest updates on genome engineering technologies (Crispr/Cas9; ultra superovulation: oocyte electroporations...) (lecture & demos)
- future challenges and directions for mouse genome engineering facilities and repositories (lecture).

For more information, please visit: <https://www.ncbs.res.in/research-facilities/acrc>