



Responsible Care and Use of Laboratory Animals Course (RCULAC)

A regulatory requirement which meets the training guidelines of the National Advisory Committee for Laboratory Animal Research (NACLAR) in Singapore, this Course aims to provide an understanding of basic animal experimentation requirements, highlighting proper animal handling and responsibilities of researchers. All users of animals for scientific purposes, e.g. Principal Investigators, Collaborators and Research Technicians, must attend this Course before commencing any work on animals.

The Course comprises two sessions – a series of lectures in the morning, and hands-on exercises on small animal models in the afternoon.

Friday, 18 August 2017

Lecture:

L1-S1 Level 1, Academia
8:30am to 12:30pm

Hands-on Session:

SEMC Main OT, Basement 1, Academia
1:30 to 5:00pm

To register, please contact
Ms Maria Leong at
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Programme

Lecture topics:

- Laws, Regulations and Guidelines for Biomedical Research in Singapore
- The IACUC and PI Responsibilities
- The 3Rs and Research Variables
- Use of Statistics as Determinant for Number of Animals to be Used
- Zoonotic Diseases in Laboratory Animals
- Animal Handling and Blood Collection
- Animal Anaesthesia and Pain Management
- Radiation Safety in Animal Facility
- Occupational Health and Safety in Animal Research
- IBC and PI Responsibilities

Hands-on Exercises on Small Animal Models (mice and rats):

- (Including Demonstration on Rabbit Handling)*
- Identification, restraint and handling
 - Routes of injection (subcutaneous, intramuscular, and intraperitoneal)
 - Blood sampling (tail vein, tarsal, retro-orbital, jugular, cranial vena cava, cardiac)
 - Euthanasia and necropsy