



Jawaharlal Nehru University

New Delhi

\*Offline\*

# 9<sup>th</sup> Hands-on Workshop for Handling and Care of Laboratory Animals

13 - 17 July, 2024



## Mice, Rats & Rabbits: Hands-on-Training

- Introduction to animal world - Laboratory animals
- Biology of mice, rat and rabbit - Anatomy
- Ethical Committee - Ethics for using animals in research
- Administrative requirements for animal experiments
- Perioperative care, anesthesia, surgical techniques and analgesia
- Pain: causes, category monitoring and distress in laboratory animals
- Euthanasia in laboratory animals
- Disease-specific animal models - Cancer
- Animal models in immunology research - Alternatives
- Learning and memory in animal model
- Power of statistics in data analysis for animal experiments
- In vivo animal imaging system
- Genetics of laboratory animals - transgenics and knockouts
- Preparation of experimental protocols; critical analysis of scientific papers with animal experiments

### Resource Persons

- Prof. Deepak Sharma, SLS
- Prof. Rana P. Singh, SLS
- Prof. Paulraj Rajamani, SES
- Dr. Sushil Jha, SLS
- Dr. Niti Puri, SLS
- Dr. Dinesh K. Yadav, Senior Vet. Officer, CLAR, JNU
- Dr. Vijay Pal Singh, Vet, Animal Facility In-Charge, IGIB, New Delhi
- Dr. Sikha Yadav, Vet, Animal Facility In-Charge, NIB, Noida
- Dr. Nagarajan, Vet, Animal Facility-in-Charge, NII, New Delhi
- Dr. Inderjeet Singh, Vet, Animal Facility-in-Charge, NBRC, Gurugram, Haryana
- Dr. Anupma Kumari, Veterinary Officer, ILBS, New Delhi

Eligibility: PhD Students, RA, PDF, JRF, SRF, Young Scientists, Faculty Members

- **Test: Exam & Assessment; Protocol presentation; Discussion & Evaluation**
- **Attendance 100%**
- **Certificate of Competence (>75% marks) or Participation, based on scoring in the test**

Registration Fee: ₹10,000  
(A discount of ₹5,000 will be provided for JNU Scholars)

### Contacts:

Dr. Dinesh Yadav      Rana Pratap Singh  
Veterinary Officer      Prof of Cancer Biology

### ORGANISED BY:

Central Laboratory Animal Resources  
School of Life Sciences  
Jawaharlal Nehru University  
New Delhi

Seats are Limited  
First-cum-first serve basis



In association with:



011-26738876  
011-26704503

animalhousejnu@gmail.com  
crcadelhi@gmail.com

FOR DETAILS:  
<https://crcadelhi.org>