



Dr. Anju Raveendran Nair
Veterinary laboratory Specialist

Responsible for the care and maintenance of the following strains:

Sprague Dawley Rats, Spontaneously Hypertensive Rats (SHR), SHR-Stroke prone Rats and C57BL/6 Mice.

Also, team member for the breeding and management of **db/db** (diabetic model mice) and **5XFAD Alzheimer model** mice colonies.

Veterinary responsibility:

- Team member of Veterinary/ Surgical group in the ARC. Isolation of organs from experimental carcasses. Involved in intact animal preparation techniques.
- Regular inspection and management of general animal health conditions like skin / hair issues, wounds.
- Maintenance of the genetic structure / breeding as required, of the strains under custody.
- Resource person in the training program for young researchers, Research assistants and technicians, laboratory technicians and students.
- Maintain record of the laboratory animal requests to comply with the ethical committee approval and ensure the requests meet adequate laboratory animal allotments per project per semester.
- Ensure proper Standard operating procedure (SOP) is maintained in the unit of supervision.
- Ensure compliance with all applicable regulations, guidelines and standards that relate to animal care and use.
- Regular inspection of the allocated experimental animal rooms and facilities in the department.