



Laboratory of Animal Physiology

The Animal Physiology Laboratory supports teaching and research on the functional aspects of animal biology. Equipped with modern instruments, it provides facilities for developing technical competencies, applying scientific methods, and fostering innovations in animal physiology.



Lecturers



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Main Laboratory Equipment



Microplate Spectrophotometer

Photo : Faculty of Biology



Non Invasive Blood Pressure

Photo : Faculty of Biology



Refrigerated Centrifuge

Photo : Personal Documentation



Hematology Analyzer

Photo : Personal Documentation

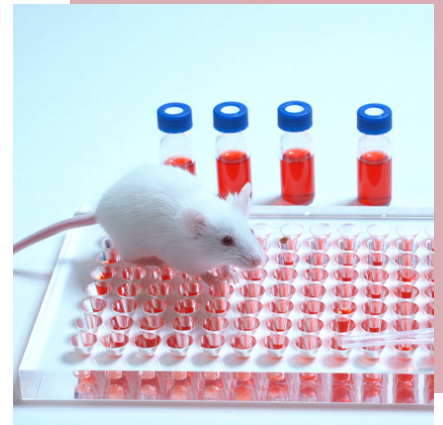


Metabolic Cage

Photo : Faculty of Biology

Others:

- Centrifuge
- Respirometer
- Microscope
- Static bike
- Sphygmomanometer



Source : Canva (Stock Image)



Scope of Expertise

- ✓ Animal Ecophysiology and Preclinical Studies
- ✓ Immunobiology
- ✓ Endocrinology
- ✓ Neurobiology
- ✓ Animal Pathophysiology



Research Topic

- ✓ Animal Echo-Physiology
- ✓ Stress Physiology
- ✓ Reproductive Biology
- ✓ Biomedical–Preclinical Studies
- ✓ Natural Products Exploration (Biomaterials)
- ✓ Pharmacology
- ✓ Animal Physiology
- ✓ Hematology and Blood Chemistry
- ✓ Laboratory Animal Science
- ✓ Toxicity Studies
- ✓ Immunobiology
- ✓ Molecular Biology
- ✓ Infectious and non-communicable diseases
- ✓ Behavioral Physiology
- ✓ Neurobiology
- ✓ Snake Venom



Public Service

- ✓ Hematology Analysis Service
- ✓ Hepatic and Renal Function Test Service



Courses offered for doctoral programme

- ✓ Endocrinology
- ✓ Cellular and Molecular Immunobiology
- ✓ Applied Animal Physiology
- ✓ Basic animal cell culture