

ADDRESS

Laboratory Animal Care Unit (LACU),
2nd floor, IMMB Building, Faculty of Medicine,
Universiti Teknologi MARA, (UiTM)Sungai Buloh Campus,
Jalan Hospital, 47000 Sungai Buloh, Selangor Darul Ehsan,
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Google Map



Waze

LACU STAFF MEMBERS

COORDINATOR

- DR. NASIBAH AZME

DEPUTY SCIENCE OFFICER

- ZALEHA BINTI AFANDI

SCIENCE OFFICER

- MOHAMMAD ZULFADHLY JAN JAM

SENIOR ASSIST. SCIENCE OFFICER

- SUHARTINY MD. UDIN

ASSISTANT VETERINARY OFFICER

- MUHAMAD FAISAL A. REHIMAN

HEALTHCARE ASSISTANT

- AHMAD SAWANI A. WAHAB
- ZUKARMI MOHD ASPAR

ETHICS in LACU

The daily care of laboratory animals

Veterinary medical care

Technical assistance are provided

- laboratory animal caretakers

Ethics followed in Laboratory Animal Care Unit base on the principal of The Five Freedoms.



THE 5 FREEDOMS

Freedom from Hunger and Thirst

- by ready access to fresh water and a diet to maintain full health and vigour

Freedom from Discomfort

- by providing an appropriate environment including shelter and a comfortable resting area

Freedom from Hunger and Thirst

- by prevention or rapid diagnosis and treatment

Freedom from Pain, Injury or Disease

- by providing sufficient space, proper facilities, and company of the animal's own kind

Freedom from Fear and Distress

- by ensuring conditions and treatment which avoid mental suffering.

• MALAYSIAN CODE OF PRACTICE FOR THE CARE & USE OF ANIMALS FOR SCIENTIFIC PURPOSES
• RESEARCH ETHIC COMMUNITY UiTM

WELCOME TO LABORATORY ANIMAL CARE UNIT

FACULTY OF MEDICINE, UiTM SG. BULOH CAMPUS



GOALS

- **To conduct** Basic, Applied Strategic Biomedical Research on laboratory animals that will be beneficial to mankind/society.
- **To build** Strong Animal Welfare and Ethics through the care of these experimental animals.
- **To advance** Biomedical Research keeping in view of the welfare of these animals.
- **To promote** Basic Laboratory Animal Enrichment Behaviors, through out the life of these animals, to alleviate boredom.
- **To provide** Prompt Medical Care and Treatment throughout it's life. To uphold the Five Freedoms of Animals Care.

VISION

- **To advance** excellence in the Laboratory Animal Care Profession.
- **To promote** the understanding of Laboratory Animal Research.
- **To be a centre** of research excellence and to be at the frontiers of Laboratory Animal Care in Malaysia.

MISSION

- **To establish** LACU as a class of reputable animal care and welfare and a reference centre for biomedical research in Malaysia.

LACU FACILITIES

EQUIPMENT

EVC Cages

- Mice - 100cages / 1system
- Rat - 50cages / 1system

IVC Allentown Cages

- Rat - 400cages / 20systems
- Mice – 320cages / 16systems

Metabolic Chamber Cages

- 12cages / 1system

Rabbit Cages

- 30cages / 5systems
- 20cages / 5systems (Researcher)
- Biohazard Cabinet (Animals) = 2
- Small Animal Guillotine = 1
- Small Animal Threadmill = 1
- Ying / Adjust THERMO = 1
- Cabinet Hot Air Drying / Adjust THERMO = 1
- Changing Station (Animals) = 4
- Refrigerator Lab = 2
- Autoclave - Double Door (Animals) = 1
- Ultrasonicator (Microbiology) = 1
- Analytical Balance Semi Micro = 1
- Digilab Waterbath = 1
- Ultra-Low Freezer (-86°C) = 1
- RO water machine

LACU FACILITIES

ROOMS

- Bilik Penyelaras (Coordinator Room)
- Pejabat LACU (LACU Office)
- Tandas (Toilet) = 2
- Stor Bahan Kimia (Chemical Storage Room)
- Pantri (Pantry)
- Bilik Kuarantin (Quarantine Room)
- Bilik Pembiakan Mencit 1 (Mice Breeding Room 1)
- Bilik Pembiakan Mencit 2 (Mice Breeding Room 2)
- Bilik Pembiakan Tikus (Rat Breeding Room)
- Bilik Pembiakan Arnab (Rabbit Breeding Room)
- Bilik Eksperimen / Ujikaji (Experimental Room)
- Dewan Pembedahan (Surgical Theatre)
- Bilik Eksperimen / Ujikaji (Rat Experimental Room)
- Bilik Prosedur (Procedure Room)
- Bilik Kuarantin Nyamuk (Mosquito Quarantine Room)
- Bilik Eksperimen/ Ujikaji Argus (Guinea Pig Experimental Room)
- Bilik Eksperimen/ Ujikaji Mencit (Mice Experimental Room)
- Makmal Am / Makmal Pembiakan Nyamuk (Mosquito Research Lab)
- Bilik Cucian (Washing Room)
- Stor Makanan Kering Dan Habuk Kayu (Dry Food & Bedding Storage)
- Bilik Pembuangan Sisa Umum (General Waste Room)
- Bilik Pembuangan Sisa Klinikal (Clinical Waste Room)
- Bilik Jentera Pendingin Hawa (AHU)
- Bilik Tangki Air (Water Tank)

REGISTER AT LACU

PROCEDURE:

Get the **OFFICIAL APPROVAL LETTER FOR RESEARCH** from Faculty / Supervisor.



Have a **DISCUSSION** with Administration of LACU



Fill up **RESEARCHER APPLICATION FORM** along with **Animal Handling Certificate** and **Ethic Approval Letter**



Submit **RESEARCHER APPLICATION FORM**, **Animal Handling Certificate** and **Ethic Approval Letter** to Administration of LACU



Get **APPROVAL** from **COORDINATOR OF LACU**



OFFICIALLY start at LACU

