

## **“Animal House Facility” .**

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### **Animal House Facilities**

The animal house facility is available to boost the teaching, training and research facilities and to meet the growing demand for high quality laboratory animals in emergent field of Experimental Pharmacology. Qualified veterinarians and technical personnel are always at hand to help carry out research and keep it in accordance with the standards established by the Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA).

### **Animal care**

The laboratory houses rats, mice and rabbits. Each species of animals is housed in barrier maintained individual rooms to avoid disease transmission and inter-species conflicts. All efforts are made to maintain the animals under controlled environmental conditions [Temperature (22-26°C), Relative Humidity (60 ± 10 %), 12 hr alternate light and dark cycle] with 100 % fresh air exchange in animal rooms and uninterrupted power and water supply. The support staffs ensures that every part of animal care including feeding, watering, restraining, cage cleaning, record keeping and ordering of animals, feeds, bedding materials and equipment from outside sources are monitored. The animals themselves are isolated from human habitation and guarded from dust, smoke, noise, wild rodents, insects and birds-in fact anything that would disturb their habitat. A high degree of hygienic conditions (macro- and micro- environment) around the animals are maintained as per the CPCSEA guidelines.

### **Veterinary care**

Periodic health monitoring of the animals is carried out to ascertain the health status of the animals. Veterinary care is crucial to keep the animals content and healthy. The veterinarian keeps them under daily observation and monitors any behavioural changes or signs of illness. He supervises their diet and sanitation and contributes to the formulation of appropriate policies and procedures for ancillary aspects of veterinary care.

### **Animal ethics**

The Animal House is registered with the Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA), Ministry of Environment and Forests, Govt. of India (Reg. No ) and has an established Institutional Animal Ethics Committee (IAEC) that advises the students, teachers/researchers on facilities, policies and practices concerning the care and use of animals.



### **Research projects**

Currently the IAEC have approved the teaching program and various research programs as following:

- 1) Toxicological studies
- 2) Anti-inflammatory studies
- 3) Diuretic studies
- 4) Anti-diarrhoeal studies
- 5) Inflammatory Bowel Disease
- 6) Hepatoprotective studies
- 7) Anti-diabetic studies
- 8) Immunomodulatory studies
- 9) Ulcer protective studies

### **Other Important Links:**

## **RULES and GUIDELINES**

- The Prevention of Cruelty to Animals Act- 1960  
<http://www.envfor.nic.in/legis/awbi/awbi01.html>
- The Breeding of and Experiments on Animals (Control and Supervision) Rules, 1998  
<http://envfor.nic.in/legis/awbi/awbi10.html>
- CPCSEA Guidelines for Laboratory Animal Facility  
[http://envfor.nic.in/divisions/awd/cpcsea\\_laboratory.pdf](http://envfor.nic.in/divisions/awd/cpcsea_laboratory.pdf)
- The Recommendations of the 'Sub-Committee on the Rehabilitation of Animals after Experiments' setup by CPCSEA  
[http://envfor.nic.in/divisions/awd/Rehabiliaion\\_Guidelines\\_new.pdf](http://envfor.nic.in/divisions/awd/Rehabiliaion_Guidelines_new.pdf)
- Bio-Medical Waste (Management and Handling) Rules, 1998  
<http://envfor.nic.in/legis/hsm/biomed.html>
- Bio-Medical Waste (Management and Handling) Rules, Amendment 2003  
[http://envfor.nic.in/legis/hsm/so-1069\(e\).pdf](http://envfor.nic.in/legis/hsm/so-1069(e).pdf)

## **FORMS and FORMATS**

- [Application for the Permission of Animal Experiments \(from IAEC/CPCSEA\) \(Form B\)](#)
- [Record of Animals Bred/Acquired/Transfer \(Form C\)](#)
- [Record of Animals Acquired and Experiments Performed \(Form D\)](#)