

R. C. Patel Institute of Pharmaceutical Education & Research, Shirpur

CENTRAL ANIMAL HOUSE FACILITY

(REGISTERED UNDER CPCSEA, INDIA, REGISTRATION NUMBER 651/PO/ReBi/S/02/CPCSEA)

Central Animal house facility of RCPIPER, Shirpur. Provide opportunity for students, Researchers, and teacher to explore the biological effect of drug molecules. Student gets trained in some experimental techniques which are helpful for their skill development and to develop keen interest in understanding the biological mechanism using experimental animals. Experienced and qualified staff always available for catering animal welfare and assist during experiments. All the policies and procedure and record maintenance of animal house is run in accordance of CPCSEA guideline

Animal House Facility

The Animal house is located at East side of Institute with total floor area of 800 Square feet, There is two different corridors for entry in the animal house facility, comprising of total 10 rooms available which assigned for 2 rats rooms 2 for mice rooms, one quarantine room, one office and record room, one Feed storage, one experimental area, One room for washing & cleaning, and one room for storage of Husk.

We committed to follow Good Laboratory Practices including restriction of human traffic, monitoring of animal house by using CCTV, providing certified lab animal feed and water, number of animal used in each experiments and monthly monitoring of animal census, etc.

Animal Species Available:

Details of Animals	Species
Rat	Albino Wistar
	Sprague Dowly
Mice	Swiss albino
	BALB/C

Animal care Practices:

All the animals in animal house is housed in CPCSEA certified cages and provided with water bottles made up of poly propylene and polycarbonate material. Separate rooms are assigned for each species of animals to avoid interspecies conflict. Within the animal rooms environmental conditions are under controlled [Temperature (22-26°C), Relative Humidity (60 ± 10 %), 12 hr alternate light and dark cycle] with more than 100 light intensity with uninterrupted power and water supply. The exhaust system attached to each room to remove dirty smells and imparts fresh air into the rooms. The support staffs take rigorous efforts to ensures that every aspect of animal care including daily feeding and watering, restraining, cage cleaning (Weekly two times), 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 etc.

A well defined 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.

Ethical Approach:

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 **651/PO/ReBi/S/02/CPCSEA registered up to 30/07/2022**) an Institutional Animal Ethics Committee (IAEC) was constituted to guide the students, teachers/researchers on facilities, policies and practices concerning the care and use of animals. Yearly two meeting was conducted and the record of that was appropriately maintained.

Physical Facility Available:

Sr. No.	Particulars	Quantity
1	No. Of Racks	11
2	No. Of Cages	350
3	No. Of Water bottles	400
4	Air Condition System	05
5	RO Water System	01
6	CCTV	02

Glimpses of Animal House Facility:



Rat Room and Caging System



Clean Corridor



Autoclave and Cage Storage area



Temperature and Humidity Record Apparatus



Mice Room and Cage System



Mice Cage and Rack



Cage and Bottle washing area



Change Room



Exhaust system outlets