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A TEXTBOOK OF EXPERIMENTAL PHARMACOLOGY

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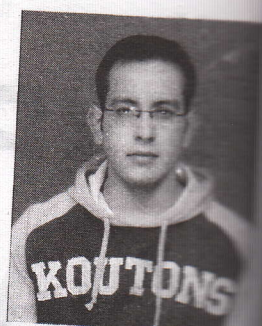
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FUNDAMENTALS OF EXPERIMENTAL PHARMACOLOGY

1

1.1 CPCSEA AND INSTITUTIONAL ANIMAL ETHICS COMMITTEE (IAEC)

In medical research and education the experiments on animals is performed under the provisions of the Prevention of Cruelty to Animals Act (1960), and breeding and experiments on animals (control and supervision) are framed under the Act of Rules of 1998, 2001 and 2006. These are implemented by the Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA), a constitutional body under the Prevention of Cruelty to Animals Act, 1960.

Under these provisions, an IAEC is established, which is required to get themselves registered with CPCSEA and to get their animal house facilities and also to clear the specific projects for research based on experimentation on animals. Further, breeding and trade of animals for such experimentation are also regulated under these Rules.

The Prevention of Cruelty to Animals (PCA) Act 1960 was amended in 1982 to prevent unnecessary pain or suffering on animals before, during or after the performance of experiments on them. Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA), constituted by central government, with an objective to ensure that animals are not subjected to any cruelty before, during or after the performance of experimentation.

Role of CPCSEA

All the establishments engaged in research and education involving animals are required to comply with the various guidelines, norms and stipulation set out by CPCSEA. The main roles of CPCSEA are:

- Registrations of establishments conducting animal experimentation or breeding of animals for this purpose.
- Selection and appointments of nominees in the institutional animal ethics committee of registered establishments.
- Approval of animal house facilities on the basis of reports of inspections conducted by CPCSEA.
- Permission for conducting experiments involving use of animals.
- Recommendation for import of animal for experiments.
- Action against establishments in case of violation of any legal norm/stipulations.

Objectives of IAEC

- Experiments shall be performed under the supervision of duly qualified persons.