

The Animal House Unit, Faculty of Pharmacy, Ain Shams University

Unit Construction

The Animal House Unit was established (as a service unit), at the Faculty of Pharmacy, Ain Shams University in ٢٠١٩, thus providing experimental animals e.g., rats and mice to researchers and taking care of their health, also offering the appropriate place and research environment to conduct research experiments. The unit follows the guidelines of scientific research ethics as regards dealing with experimental animals in terms of care and nutrition.

Vision

Creating a suitable research environment that enables researchers to conduct experiments that depend mainly on experimental animals.

Mission

Supporting faculty members, research teams and postgraduate students interested in the field of experimental animal research by providing basic needs and offering an integrated infrastructure and human cadres capable of supporting and developing research ideas.

Objectives/ Goals

١. Providing high quality care for all experimental animals used within the faculty.
٢. The unit offers the necessary environment and essential tools to conduct studies in the field of animal research.
٣. Training students and researchers on scientific bases in employing laboratory animals in scientific research and the ethics of research on laboratory animals.
٤. The unit acts as a primary resource for the faculty in all matters concerning laboratory animals.
٥. Carrying out research experiments by testing the effect of various chemicals, drugs (synthetic and/ or natural) in experimental animals.
٦. Evaluating the therapeutic, protective, or even toxic and lethal effects of the tested drugs on experimental animals.

Services

١. The unit provides its services to various faculties of Ain Shams University, in addition it effectively serves the community and educational institutions in other Universities.
٢. The unit supports various research programs e.g., pharmacology, microbiology, biochemistry, molecular modelling, and toxicology.
٣. The unit is equipped with a breeding room; in which rats are raised and breed under the supervision of a team of specialists in animal husbandry and health care to be sold out for researchers.
٤. The unit offers housing of experimental animals (rats and mice) needed for several scientific researches.
٥. The unit provides qualified staff for injection of different drugs through various routes for treatment of innumerable diseases.
٦. Induction of various animal models of diseases.
٧. The unit is equipped with a behavior room for conducting of behavioral assessment for the experimental animals.
٨. The unit is equipped also with a procedure room; for anaesthesia, tissue separation and blood samples collection.

Contact us

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