
DIVISION OF LABORATORY ANIMAL MEDICINE

The Division of Laboratory Animal Medicine is composed of veterinarians specializing in laboratory animal medicine, animal models for human disease, and comparative pathology. In addition to providing preventive medicine, clinical, and diagnostic services to the animal colonies at the University and associated institutions, the faculty advise researchers regarding animal model selection, research methodology involving the use of animals, the selection and use of analgesics, anesthetics and tranquilizing agents, surgical techniques and post-operative care, as well as proper methods of animal euthanasia. The veterinarians, along with the University Committee on Animal Resources, review and must approve all aspects of proposed usage of laboratory animals.

The faculty are also involved in a variety of research programs in comparative medicine and animal model development. Several formal courses are offered to graduate and postdoctoral students preparing for careers in biomedical research. A three-year residency program has been available to veterinarians preparing for careers in laboratory animal and comparative medicine. The residency program is aimed at providing the necessary training and experience that qualifies one to be eligible to take the certifying examination of the American College of Laboratory Animal Medicine.

While no formal courses are offered in the undergraduate medical school curriculum, medical students considering a career in research are eligible for the courses taught by the Division and may take them as electives.

Courses Offered by the Division of Laboratory Animal Medicine

402. Laboratory Animal Experimental Methodology

Credit—one hour

Assistant Professor Moorman-White

A survey course dealing with the appropriate selection, care, and use of laboratory animals in research. Practical sessions emphasize handling and restraint methods and techniques of substance administration, anesthesia, and specimen collection. Two hours of combined lecture/laboratory each week. Spring.

403. Special Topics in Laboratory Animal Medicine

The in-depth study of one particular aspect of laboratory animal medicine, as determined by the interest

and needs of the student. Offered by the faculty to individual students who wish to explore a particular topic in laboratory animal medicine. Times are by arrangement with the individual faculty mentor.

404. Special Topics in Comparative Pathology

The in-depth study of a topic in comparative pathology, as determined by the interest and needs of the student. It too is offered by the faculty to individual students who wish to explore a particular topic in comparative pathology. Times are by arrangement with the individual faculty mentor.

526. Toxicologic Pathology

Credit—one hour

Associate Professor Baggs

A laboratory course in which microscopic sections of various lesions, mostly induced by toxic compounds, are examined. Discussions center on interpretation and description of histologic changes as well as on mechanisms of pathogenesis. Fall.

Faculty of the Division of Laboratory Animal Medicine

Jeffrey D. Wyatt . . . *Associate Professor of Laboratory Animal Medicine and Chair*. B.S. Ohio State, 1977; D.V.M. 1982; M.P.H. Rochester, 1995.

Associate Professor

Raymond B. Baggs, and Pathology and Laboratory Medicine, and Environmental Medicine. B.A. Reed, 1964; B.S. Washington State, 1965; D.V.M. University of California (Davis), 1969; Ph.D. Massachusetts Institute of Technology, 1972.

Assistant Professor

Diane M. Moorman-White. B.S. Cornell, 1982; D.V.M. 1986.

Instructor

Wendy A. Bates. B.S. SUNY (Albany), 1976; D.V.M. Cornell, 1981.