The University School of Medicine Program in Comparative Medicine was established in 1989. All Program faculty members hold joint appointments in other departments; conduct independent and collaborative research; and have expertise in the fields of clinical laboratory animal medicine, surgery, comparative pathology, microbiology, immunology, genetics and infectious diseases.

Comparative Medicine faculty members are available for consultation on animal research protocols, laboratory animal management and development of grant applications proposing the use of animals. Members participate in the teaching of medical students, graduate students, and postdoctoral fellows and provide postdoctoral residency and graduate training programs for veterinarians in the fields of Laboratory Animal Medicine and Veterinary Pathology.

As members of the University of Maryland School of Medicine’s Veterinary Resources, we also provide veterinary supervision for husbandry and health care related to facilities management, diagnosis, treatment and prevention of intercurrent disease in research animals.
TRANSGENIC RESOURCES

Transgenic Resources and the University of Maryland School of Medicine exists to facilitate all aspects of customized production of genetically engineered rodent models. Transgenic Resources has developed a partnership with Jackson Laboratories (JAX) (you may contact George Scheer, UMB, Senior Buyer, 410-706-8305, for Terms & Conditions, Pricing) which is a proven leader in conducting transgenic knockout rodent services. The services offered are extensive and include standard transgenics, nuclease-mediated (CRISPR) knockout and knock-in mouse services, as well as ES cell injections. The mission of Transgenic Resources is to ensure that these established partnerships provide the best pricing, customization and the highest product quality to support our world class research. Louis DeTolla, VMD, PhD, will serve as Director, Transgenic Resources. DeTolla’s Ph.D. is in immunogenetics and he has directed transgenic core facilities previously, both at UMB and Merck Sharp and Dohme Laboratories.

Researchers may contact our resource or directly contact the following vendors (listed below) for information and quotes for generation of their transgenic model(s).

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