The University School of Medicine Program of 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, 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).

**TRANSGENIC VENDORS**

**Jackson Laboratory**  
Susan Kolocotronis  
Opportunity Development Manager  
410-926-2620  
susan.kolocotronis@jax.org

**The Harvard Clinical and Translational Science Center**  
Arlene H. Sharpe, MD, PhD  
Director, BWH Transgenic Mouse Facility  
617-432-6569  
asharpe@rics.bwh.harvard.edu

**University of Michigan**  
Thom Saunders, PhD  
734-647-2910  
tsaunder@umich.edu

**Ingenious Targeting Laboratory**  
Michael Castelli  
Scientific Strategy Consultant  
631-468-8530 ext. 103

**Cyagen Biosciences Inc.**  
Marvin Y. Ouyang, PhD  
Vice President, Technologies  
800-921-8930  
marvinouyang@cyagen.com

**CONTACT**

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Deputy Director  
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**LOCATION**

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410-706-8536 or 410-706-8537  
Fax: 410-706-8538

**Web Address**

medschool.umaryland.edu/  
vetmedicine/vetresources.asp