

PROGRAM OF COMPARATIVE MEDICINE (VETERINARY RESOURCES)

CIBR: Center for Innovative Biomedical Resources

Comparative Medicine and Veterinary Resources faculty veterinarians direct and oversee the animal resource program for the University of Maryland Baltimore campus. Veterinary faculty provide oversight and supervision for animal care, animal facilities management, and animal health related to diagnosis, treatment, and prevention of intercurrent disease in research animals. They are available for consultation on animal research protocols, technical procedures, laboratory animal management, and development of grant applications proposing the use of animals.



MISSION

Our mission is to provide quality care for all research animals; to facilitate research through our expertise and collaboration on animal models including anesthesia and surgery; maintain compliance with the Federal animal welfare regulations and guidelines; and maintain an AAALAC accredited program for animal care and use.

SPECIAL SERVICES/ COLLABORATIONS

- Housing and care for a range of animal models from mice to non-human primates
- Pre-research consultations with researchers on development of animal models
- Anesthesia and surgical services
- Technical services
- Technical training in research animal procedures
- Support for GLP and GLP-like studies
- Maintain breeding colonies of NSG, NRG, and C57BL/6 mice as a PI resource

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Research & Consultation Services

- Investigators should schedule a consultation with one of our faculty veterinarians as they begin to develop grant & contract applications.
- This will help your application workflow and save time to initiate your study once it has been fully approved.
- Our staff is always available for continued consultation throughout the life cycle of your research.
- We have extensive expertise in providing collaborative support for a broad range of laboratory animal-based research studies, to include GLP and GLP-like studies
- We provide and oversee all Veterinary Services available to University of Maryland School of Medicine and UMB researchers.

Veterinary medical and husbandry services include but are not limited to:

- Daily health monitoring / provision of husbandry medical care 24/7, 365 days a year
- Training in the basics of standard/safe handling procedures for new lab members
- Assisting in ordering materials needed for IACUC approved research (e.g. antibiotics, other pharmaceuticals, medical components or instruments)
 - NOTE for use of Controlled Dangerous Substances (CDS) in IACUC approved research protocols, the PI is required to secure their own CDS/DEA registrations to order and store CDS on campus. State and Federal Law prevents Comparative Medicine from ordering/providing CDS.
- Providing species-specific anesthesia support
- Breeding Colony setup/maintenance plans
- Providing full necropsy service, along with commercial diagnostic lab test submissions, as well as pathology specimen submission as needed
- Providing full necropsy service and diagnostic testing for the purpose of identifying intercurrent disease which may affect animal health and impact on successful research endeavors

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