

## **Vertebrate Section for Grants**

*JW 1/25/2023*

**Animal Resource.** The University of Rochester Animal Resource is a centralized facility with professional staff and specialized programs that support the research and educational uses of laboratory animals. These facilities are fully accredited by AAALAC, International and are in compliance with state and federal regulations and NIH policy. The Division of Comparative Medicine (DCM) consists of 3 full time, ACLAM certified, NYS licensed veterinarians and four NYS licensed veterinary technicians. Services provided by DCM include quarantine services, surgical services, anesthetic support, 24/7 on-call veterinary emergency services, clinical management, necropsy and histopathology services, training in specialized techniques (including inhalation anesthesia of all species, blood collection, aseptic surgical technique), animal health surveillance and rodent breeding colony management. A full-time behaviorist oversees extensive animal social housing and enrichment programs. Core services provided by the Vivarium include husbandry, daily observations, special request services (special diets, water, fasting), and cage wash, autoclave and room sanitation services for rodents, nonhuman primates, sheep, pigs, birds, amphibians and fish. . Major equipment includes HEPA filtered ventilated cages & hoods for barrier maintenance of rodents, gnotobiotic mouse flexible film isolator units, dedicated ABSL2 mouse housing & procedural space, inhalation anesthesia machines for rodents and large animals, diagnostic digital X-ray machine, autoclave for surgery packs, Intensive Care Unit, CO2 euthanasia stations, MRI capabilities and a Gammacell 40 Exactor Low Dose-rate Research Irradiator for irradiation of small animals within the resource. The UR Medical Center has large animal (sheep, pig, cattle) surgical services with long term post-operative housing available at an AAALAC accredited sister institution located 35 minutes from the university. *Director: Jeff Wyatt, DVM, MPH, DACLAM*

<https://www.urmc.rochester.edu/animal-resource.aspx>