



**Weill Cornell
Medicine**



Memorial Sloan Kettering
Cancer Center



*Center of Comparative Medicine and Pathology's
Research Animal Resource Center
Experimental Services*



Veterinarians and veterinary technical specialists are available to aid research scientists with animal model development and use in providing general and specialized technical services for the various species utilized in biomedical research. All procedures are performed by qualified professionals trained in specialized experimental techniques.

Basic Technical Services

- Blood Collection
 - Tail, retro-orbital, mental region (chin), cardiac (terminal only)
 - Single, multiple, survival, and terminal
- Administration of Drugs or Other Substances
 - Enteral administration, including oral and intragastric (i.e., gavage) routes
 - Parenteral administration, including subcutaneous, intraperitoneal, intravenous (+/- cannulation), retro-orbital, intramuscular, intradermal, and topical routes
- Euthanasia
 - Injectable, inhalation, and physical methods

Anesthesia and Anesthetic Monitoring

- Inhalation anesthetic administration
- Parenteral anesthetic combinations
- Single and multiple administrations

Surgical Implantation of Devices for Drug Delivery

- Controlled-release drug delivery pellets

Experimental Surgery and Implantation

- Subcutaneous tumor implantation with and without incision (including mammary fat pad)
- Intravenous tumor implantation
- Intraperitoneal tumor implantation
- Ovariectomy (mice)
- Parabiosis (mice)
- Castration (mice)
- Adrenalectomy, Splenectomy, Partial Hepatectomy (mice)

Tissue/Fluid Collection and Identification

- Necropsy/tissue harvest
- Tail biopsy (genotyping)
- Ear tagging

Breeding Management

- Contact the Colony Management Group at cmg@mskcc.org

Additional Technical Services and Procedures

- Suture training
- Pharmacokinetics studies in some species
- Post-surgical monitoring and care
- Other services may also be provided upon request

All requested procedures must be described in an approved IACUC protocol

Fees

- Service fees are assessed based on technical time charged in 15 minutes increments. Consult RARC's website or click [here](#) for current fees.
- Standard operating hours are 9AM-5PM, M-F. Procedures conducted outside of these times are subject to [overtime fees](#).
- Survival procedures are scheduled Monday-Thursday and non-survival procedures may be scheduled Monday-Friday.
- Post-operative monitoring is not provided by Veterinary Services unless specific arrangements have been made. Service fees will apply.
- Necessary supplies are charged separately.

Contact Information

To schedule technical services, or to seek consultation for your technical needs at MSK, please contact Margaret Reilly. For WCM or HSS, please contact Rochelle Torrence.

MSK

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