



Mammalian Toxicology and Pathology

SRI's Mammalian Toxicology and Pathology Testing Program is an integral part of the safety evaluation services that SRI provides to clients. Our capabilities in mammalian toxicology include studies in rats and mice as well as studies in nonrodents such as rabbits and beagles. Clients can choose from a wide spectrum of administration routes, including continuous intravenous infusion. Working with the client, we design the required protocols and ensure that regulatory guidelines from around the world are followed.

We perform the full spectrum of acute, subchronic, chronic, and carcinogenicity studies typically required for new pharmaceuticals and biotechnology products. In addition, we can test biomedical engineering products and medical devices in a variety of protocols. We have experience with a wide range of therapeutic agents, such as anti-cancer drugs, anti-infectives, vaccines, antisense therapeutics, nucleosides, peptides, antibodies, and proteins.

The following standard protocols are available:

ACUTE TOXICITY STUDIES

- Acute limit test (gavage, I.P., dermal)
- Dose escalation studies
- LD50/MTD determinations (all routes)
- Skin and eye irritation
- Skin sensitization (local lymph node assay)

REPEAT-DOSE TOXICITY STUDIES

- Dose range-finding studies
- 14-, 28-, and 90-day toxicity studies (various routes)
- Repeated dermal and ocular applications
- Safety pharmacology (CNS, cardiac, pulmonary)
- Medical device implant studies
- Continuous intravenous infusion (up to 28 days) in rats and dogs



Bridging the drug development gap

LONG-TERM TOXICITY STUDIES

- 6-, 12-, 18-, and 24-month toxicity studies and carcinogenicity studies in rodents and dogs
- Specialized cancer-prone transgenic animal models (e.g., TG•AC and p53+/-)

Because of our experience, SRI can offer more than routine testing. Specialized protocols for mechanistic investigations of target-tissue and target-cell toxicities can be developed to meet your needs. Our necropsy, histopathology, clinical pathology, and electron microscopy capabilities are first-class and are monitored by a Board-certified pathologist and our internal Quality Assurance Unit. Using the LABCAT automated data capture system, we can provide a variety of individual and summary tables as well as complete statistical evaluations. All our procedures and facilities are routinely audited and maintained under GLP regulations.

You Make the Call

For further information, contact our Client Services Team:

Toll Free: (866) 451-5998

Phone: (650) 859-3000

Fax: (650) 859-3041

Email: biosciences@sri.com

<http://www.sri.com/biosciences>