

Discovery

General Toxicology



Make it
better
together

We provide Toxicology services that facilitate candidate selection & rapid decision making. Sai Life Sciences has delivered a range of toxicology services for over 200 NCEs, and continues to offer integration between discovery and development programs of our clients with our toxicology services.

Highlights

- 10-year track record
- Accreditation from AAALAC, OLAW and CPCSEA
- Complete compliance with internal quality
- Clear and concise reports
- Professional service and logistical support
- Flexible, adaptive and speed
- Streamlined coordination with Chemistry, Formulation, DMPK and Biology

Capabilities

- hERG binding
- MTD & Dose range finding
- Clinical Pathology/Histopathology
- Genotox (*in vitro* Ames, CA, and NMT assay)

Customized toxicology studies

We offer discovery non-GLP toxicology services in rodents (rat and mouse) and non-rodents (including dogs). Our toxicology studies are customized to meet our clients' needs in accordance to the guidelines set out by relevant regulatory authorities. We can identify potential toxicity of an NCE at an early stage of drug discovery, which facilitates candidate selection and rapid decision making for drug development.

- **Acute Toxicity Studies (Rodents and Non-Rodents)**
Single-dose toxicity studies (Acute Toxicity/Maximum Tolerated Dose toxicity) with or without Toxicokinetics.
Sub-acute Toxicity Study (Rodents and Non-Rodents)
7/14/28 Day Repeated Dose Toxicity with or without
- **Toxicokinetics study in Rodents (Rats or Mice) and non-Rodents (Dogs)**
Routes of Administration: Oral/Gavage/Parenteral (Intravenous, Intra-peritoneal, Intra-muscular, Subcutaneous, Intradermal, Dermal, etc.)
Standard Species/Strains: Rat (Wistar, Sprague Dawley)/Mouse (Swiss albino, BALB/c, C57BL/6, etc.)/
Dogs (Beagle)

Why choose Sai?

- 10-year track record of providing high-quality and high value toxicology support to a broad range of clients.
- Accreditation from multiple international animal welfare agencies (AAALAC, OLAW and CPCSEA)
- Complete compliance with internal quality assurance to ensure integrity of our services and animal studies conducted with strict adherence to SOPs
- Clear and concise reports accompanied by comprehensive raw data customized to client requirements
- Professional service and international logistical support
- Flexible and adaptive working style with fast turnaround times
- Streamlined coordination with Chemistry, Formulation, DMPK and Biology

Vivarium

- 15,000 square feet state-of-the art vivarium
- AAALAC and OLAW accredited animal care program, registered with CPCSEA for breeding
- Adherence to national and international standards with experienced veterinary staff
- Separate rooms for quarantine, housing, surgery, experimentation and necropsy
- Automated data logging system for monitoring environmental conditions and light cycle
- Conventional as well as individually ventilated cage (IVC) housing for immuno-compromised studies
- Dedicated scientific/technical staff for key areas