

Suven Discovery Research

Discovery Toxicology Services

*Aggressive Timelines together with high Scientific Quality
Decision making for NCE progression*



Suven Life Sciences introduces the



Wherein Tox studies will be conducted on your new chemical entities in the early stage of discovery. The tox data would be generated in extremely rapid timelines at the same time with highest quality and scientific integrity for your decision making of molecule progression.

4-Day Tox in 14 Days

7-Day Tox in 17 Days

Discovery Toxicology Capabilities



Toxicity studies

- Acute Toxicity Studies in Rodents
- 4-Day / 7-Day repeat dose discovery tox studies in rodents
- Dose range findings studies in rodents
- Repeat Dose (14 / 28 days) toxicity studies in rodents
- *In-vivo* & *In-vitro* Genotoxicity studies

Bacterial reverse mutation test (Ames Test)

***In-vitro* chromosomal aberration test in human lymphocytes**

***In-vivo* micronucleus test**

***In-vivo* chromosomal aberration test**

- Clinical Pathology Services
- Histopathology Services
- Toxicokinetic studies
- Formulation analysis
- Bioanalysis



Discovery Toxicology - Facilities



Animal Facility

- Double corridor system
- HEPA filtered 100% clean air
- Ante-room attached with experimental rooms
- Procedure rooms
- Individually Ventilated Cages
- Necropsy room
- Store room for food / bedding material



Clinical Pathology Lab

Histopathology

Documentation Room

Genotox Lab

Archives

Human Resources



Discovery Toxicology – Good Research Practices



SOPs

(Planning and initiation of study, live phase of toxicity study, necropsy and organ collection, clinical and histopathology, training of personnel, archiving of study data and specimens, equipments)

Formats

Logbooks

Individual training record

Equipment

(Equipment ID & List, installation reports, master schedule for calibration, quality controls, responsible person for each equipment)

Test item and Chemical

(Record for receipt, storage, utilization & disposal)

List of studies

List of protocols

List of reports

Advantages with Suven Discovery Toxicology



Aggressive timelines together with high scientific quality and documentation are critical in drug discovery research. Having years of experience in discovery research, Suven Tox offers quality results of **4-day tox in 14 days and 7-day tox in 17 days** (from day 1 of treatment to submission of draft report).

- ❖ **Experience in discovery research**
- ❖ **Competitive cost**
- ❖ **Rapid turn-around time with quality results**
- ❖ **Flexibility in study conduct as per Sponsor's requirement**
- ❖ **Due-diligence done by Toxicologists / Pathologists of big pharma companies for technical / scientific capabilities and work for service / collaborative projects**
- ❖ **Follow GLP principles**



Toxicity Studies are being conducted for

In-house discovery research projects

Collaborative projects

Service Projects for Pharma, Biotech and Virtual companies

Suven Discovery Tox expertise and contribution to progression of NCEs

Identified phospholipidosis issue in early stage of discovery by conducting 4-day tox

Identified potential platform toxicity

Identified potential back-up compounds which had good margin of safety

Contributed towards critical decision making in drug discovery of several Pharma and Biotech companies in India, Europe and USA

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