

Discovery

ADME/PK/Bioanalysis/Toxicology
and Safety Pharmacology services



Sai

Make it
better
together

Sai Life Sciences has been a trusted partner for pharma companies, biotechs, start-ups and universities, helping them navigate the regulatory and scientific complexities within the drug discovery and development continuum. We employ optimized and tailored solutions that accelerate the drug discovery process, consistently delivering excellence and influencing outcomes.

Since 2008, we have been a committed partner for delivering high quality In Vitro ADME/PK and Toxicology services to many innovator clients. Our rapid response and flexibility to customize studies makes us the preferred partner for addressing drug metabolism and pharmacokinetics challenges.

Highlights

- 18 years of experience in delivering high quality DMPK services
- > 20,000 ADME studies FY-26
- >1,500 PK studies each year
- 30,000 square feet dedicated ADME/Bioanalysis/Toxicology and Safety Pharmacology services
- 110 member scientific teams with groups leads >20 years experience
- Co-located with Medicinal chemistry & Biology

Our Promise

- ADME TIER-I screening results in 5-7 days and cell permeability 7-8 days
- PK results within 5 days after compound receipt
- Customizable study designs
- Dedicated DMPK lead
- Swift and accurate scientific inputs
- Professional and customized reports
- Competitive pricing





Capabilities

- In vitro ADME
- Solubility, (Kinetic & Thermodynamic)
- Permeability and efflux
- TDI
- CYP induction
- Formulation Assessment
- In vivo evaluation in rodents and dogs
- System and tissue-specific PK studies
- Neuro PK, Ocular PK, Lung PK
- Excretion via biliary or renal routes in rodents
- Mass balance
- Bioanalysis and Biotransformation

New Capabilities

- Spheroids and Organoids
- Gastroplus®- PBPK modeling and simulations
- Brain slices
- Organ-on-Chip (OoC)

Infrastructure

- Fully automated TIER-I ADME assays including cell permeability setup
- API-7500/ 7500 plus
- Thermo Scientific Orbitrap Exploris 120 and 240
- Semi automated histopathology lab
- Manual patch clamp
- Searhorse XF Pro
- Opera Phenix plus HCS

Vivarium

- 30,000 square feet vivarium
- AAALAC and OLAW accredited animal care program
- Registered with CPCSEA for breeding
- Separate rooms for quarantine, housing, surgery, experimentation and necropsy
- Conventional as well as individually ventilated cage (IVC) housing for immuno-compromised studies
- Metabolic Cages



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For more information
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