Toxicology and Preclinical Services

With over two decades of experience in delivering comprehensive toxicology services, QPS offers high quality low cost solutions to support your IND and NDA regulatory submissions.
Introduction of QPS’ Center of Toxicology and Preclinical Services in Taiwan:

At QPS-CTPS Taiwan, our commitment is to provide our valued customers with a fast and reliable route to clinical phase I-II studies. We offer you a wide range of toxicity and DMPK studies as well as other preclinical safety tests that are essential for your preclinical drug development programs. As our valued client, you maximally benefit from our long track record of designing large and specialized In Vivo studies.
Our vast experience gained from performing GLP studies and compiling dossiers for US FDA submission for local and international pharmaceutical and biotechnology companies within many different disease therapies in the past decades clearly proves our ability to effectively deliver high quality data to our customers.

Quality and flexibility are key factors in our work. We work closely together with you and ensure that no regulatory studies are overlooked that are required for your IND filing. As a direct result, we will design and execute the most cost effective development strategies for your drug candidates.

QPS-CTPS is an ISO/IEC 17025 certified and GLP compliant (DOH, TAF OECD), AAALAC accredited facility and is part of the Taiwanese Medical Products Agency GLP inspection program. All studies are performed in compliance with OECD GLP guidelines and complete quality assurance is performed on studies used for regulatory purposes.

The animal facility is a barrier-designed facility, which houses various species including mice, rats, hamsters, guinea pigs, rabbits and dogs. Animal care and husbandry are conducted according to AAALAC guidelines. All studies are approved by a local Animal Ethics Committee.
Our services include the following:

General Toxicology:
- Single Dose Toxicity Studies
- Repeated Dose Toxicity Studies
  - Up to 180 days in rodents and up to 9 months in non-rodents
  - Routes of administration: oral, intravenous (injection and infusion), intramuscular, subcutaneous, intraperitoneal and others
  - Animal species: mice, rats, guinea pigs, hamsters, rabbits and dogs

Reproductive Toxicology:
- Fertility
- Teratology
  - Animal species: rat and rabbit

Clinical Pathology:
- Urine Analyses
- Hematology
- Serum Chemistry

Genetic Toxicology:
- Gene Mutation Assays
  - Ames Test
  - In Vitro mouse lymphoma assay

Biocompatibility Testing:
- Acute Systemic Toxicity Test
- Pyrogen and LAL Test
  - Animal species: rabbit
- Intracutaneous Irritation Test
- Skin Sensitization Test
- Cytotoxicity Test
- In Vitro hemolysis
- Mutagenicity Test
- Implantation Test

Histopathology:
- Tissue and Slide Preparation
- Tissue Image
- Pathology Consultation and Evaluation
- US Board Certified Histopathologist

DMPK:
- Protein Binding
- Blood and Urine Sampling
- Plasma Concentration
- Dosing Formulation Analysis
- Distribution and Excretion

Miscellaneous:
- Irritation Studies
  - Eye irritation test
  - Dermal irritation test
  - Animal species: rabbit
- Skin Sensitization Testing
  - Buehler test
  - Maximization test
  - Animal species: guinea pig
- General Safety Testing
Call to arrange for a tour at QPS’ Toxicology Laboratory in Taiwan today
Time is of the essence in drug development, so contact a member of the QPS Business Development Team today and find out what QPS can do for you.

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Company Values:
- **Integrity** - We make and keep promises and build trust through honesty, proactive communication and reliability
- **Quality** - We bring the highest level of technical expertise and judgement to our work
- **Customer Focus** - We tap our global resources to provide service that is fast, flexible and integrated
- **Commitment** - We work hard to solve problems and deliver results
- **People** - We treat people with dignity, respect and fairness, and embrace our differences
- **Culture** - We are friendly and fun. We provide opportunities to grow, we value loyalty and teamwork, and we recognize and reward performance.