



Talk to QPS

QPS is Your Global Link to all Your
Toxicology Sourcing Needs



QUALITY • PERFORMANCE • SERVICE

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 over 1000 GLP studies for local and international pharmaceutical and biotechnology companies within many different disease therapies in the past 12 years 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
 - 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 Analysis
- »» Hematology
- »» Serum Chemistry

Genetic Toxicology:

- »» Gene Mutation Assays
 - Ames Test
 - HPRT gene mutation assay
 - *In Vitro* mouse lymphoma assay
- »» Cytogenetic Assays
 - Sister chromatid exchange assay
 - Chromosome aberration assay
- »» Micronucleus Assays
 - Micronucleus Assay in CHO cells
 - Mouse micronucleus assay
- »» Cell Transformation Assay
 - *In Vitro* cell transformation assay

Histopathology:

- »» Tissue and Slide Preparation
- »» Tissue Image
- »» Pathology Consultation and Evaluation

DMPK:

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

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

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

Find out how to achieve your next development milestone ahead of time. Call to schedule your tour at one of QPS' worldwide locations today!



Time is of essence so contact one of the following members of the QPS Business Development Team today and find out what QPS

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