



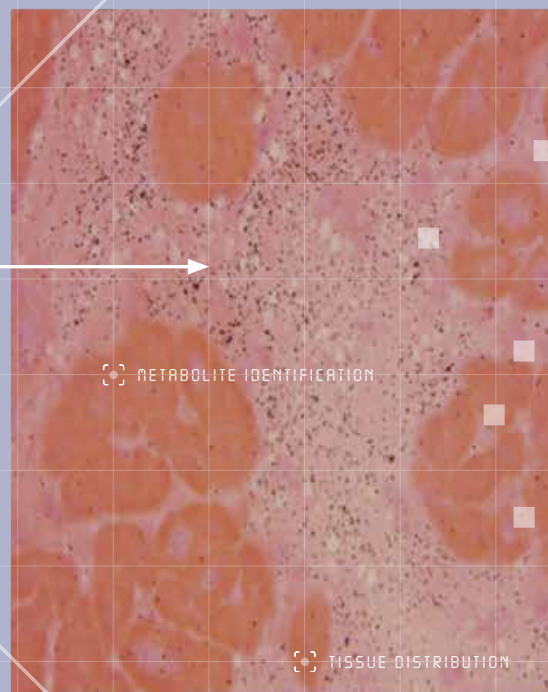
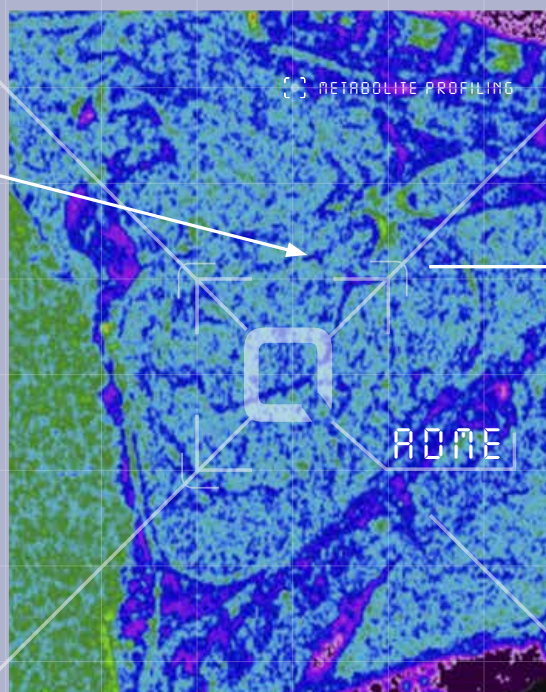
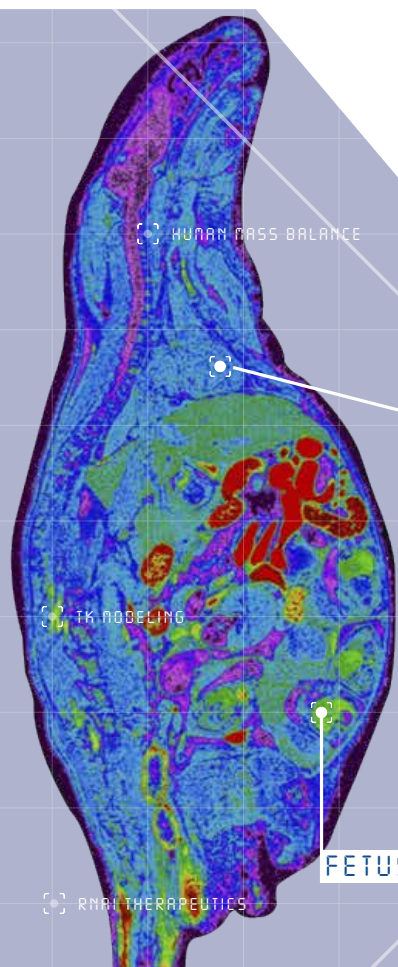
QPS
helps you navigate

DMPK Overview

QPS has three major preclinical discovery and development laboratory sites with world renowned scientific expertise in all associated ADMET disciplines.

Introduction to QPS' DMPK Services:

QPS DMPK provides access to a dedicated team of senior scientists to help select, design and conduct the appropriate ADME studies for your specific compound(s) and therapeutic targets(s). Working with QPS DMPK, is a collaborative and consultative endeavor that also incorporates our operational effectiveness and dedication to customer service.





QPS DMPK - Your Drug Development Partner

We are one of only a few companies globally that offer expertise with cell isolation and culture coupled with excellence in ADME assays and data interpretation.

Diverse Expertise

QPS DMPK is very proud of the diversity and acclaim of our scientific staff. Our team in Delaware has vast experience with drug disposition, qualitative and quantitative metabolite identification, toxicokinetics / pharmacokinetics and protein binding. Our North Carolina team, Hepatic Biosciences, is renowned for our expertise with in vitro metabolism, drug-drug interactions, enzyme induction, drug transporters and liver research.

With Research Fellows, like Dr. Eric Solon and Dr. Edward LeCluyse and our partnership with the Hamner Institutes of Health Sciences, we aim to lead scientific advancement in our field and help sponsors to better understand and overcome complex drug development obstacles. Dr. Caroline Lee and Dr. Helen Shen, leading operations of our respective sites, also offer extraordinary expertise in drug transporters, DDI's and protein binding, all of which are subject to an ever evolving regulatory landscape.

Data Quality

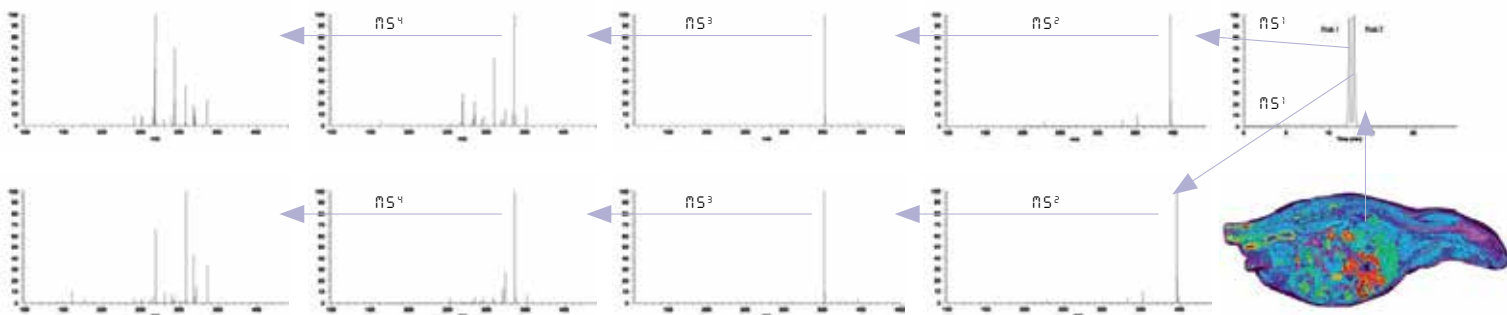
QPS DMPK is well known for the quality and efficiency of our work. Our assay validation, technical writing and internal historical standards are critical components to providing reproducible data to our partners. The combinations of our cell biology expertise, operations leadership and analytical chemistry excellence has helped QPS DMPK become the leading CRO for drug development.

Customer Focus

All our senior scientific and leadership staff bring with them experience from major pharmaceutical and biotechnology companies. This industry perspective helps QPS DMPK to distinguish itself as go to partner for our sponsors' drug development programs.

DMPK LEADERSHIP TEAM

Zamas Lam
Helen Shen
Eric Solon
Caroline Lee
Edward LeCluyse
Bruce Aungst
Gavin Shiau
Shiloh Barfield
Alfred Lordi



QPS DMPK CAPABILITIES:

*AAALAC Accreditation * GLP Facilities *Tissue Procurement * In Vitro Liver Research Programs * High Resolution Mass Spectrometry * Molecular Biology *Cell Isolation Expertise *Regulatory Guidance Consultation *

QPS DMPK Services:

Pharmacokinetics

- Formulation
- All Routes of Administration
- Bioanalysis
- PK/TK Modeling
- Xenograft Models
- Protein Binding

Radiolabel

- Tissue Distribution (QWBA & Micro-Autoradiography)
- Mass Balance/Excretion/BDC
- Metabolite Profiling, ID & Radio-quantitation

Consulting

- Program Development Consulting
- Mechanistic Studies
- ADME Summary for Regulatory Submission

Drug / Metabolism

- Metabolic Stability
- Species Comparison
- Reaction Phenotyping
- Metabolite Profiling and Structural Elucidation
- Models to Evaluate Low CL_{int}

DDI

- Enzyme Induction
- CYP450 Inhibition
- Concomitant Medication(s) DDI

Drug Transporter

- Substrate Evaluation
- Inhibition Panel
- Vesicles, Membranes, Cell Lines & Hepatocyte Assays
- Efflux transporters (P-gp and BCRP)
- SLC Transporters (Hepatic and Renal)
- Hepatic Uptake (Passive vs. Active)

Products

- Cryopreserved & Freshly Isolated Hepatocytes
- Custom Microsome Preparations
- Cryo Neurons™
- Neural Stem Cells
- Custom Media Production
- Hepatic Stem Cells



CALL (+1 877 437 2246) or EMAIL US @ info@qps.com



1



QPS | Delaware

2



QPS | Hepatic Biosciences

3



QPS | Taiwan



QPS

helps you navigate

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.

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.

HQ BD Office

📞 +1 877 HEPABIO (+1 877 437 2246)

✉ info@qps.com