



QUALITY • PERFORMANCE • SERVICE



»» QPS DMPK Overview



# Talk to QPS

QPS is Your Global Link to all Your  
DMPK Sourcing Needs



### Introduction of QPS' DMPK Services:

For many, especially virtual, small and mid-size, pharmaceutical firms, outsourcing ADME studies to an experienced CRO such as QPS is a practical alternative to building or expanding a DMPK department. Outsourcing to QPS has many compelling advantages that are primarily associated with expanded expertise and improved cost effectiveness.

**Please allow us to put forward to you the most important arguments why you should choose QPS as your preferred CRO for all your ADME sourcing needs?**

#### Direct Peer-to-Peer Interactions:

You get immediate access to a team of senior scientists that have 15+ years of pharmaceutical and biotech drug discovery and development experience. We will work with you through the appropriate ADME studies across a broad range of compound structures and therapeutic targets. Furthermore, the same group of scientists also has additional 9+ years of CRO experience. Given this combination, QPS has breadth and depth from the perspective of the client as well as the service provider. You will benefit from direct peer-to-peer interactions and management of scientific, technical, and operational interactions by a seasoned scientist that has previously led discovery or development teams.

#### Fast Turnaround:

Historical data clearly demonstrates that the direction taken by drug discovery and development is substantially influenced by ADME results. Our scientific experience, integrated services, and application of state-of-the-art bioanalytical equipment provides fast turn around that will help you arrive at go/no-go decisions thereby reducing your total developmental costs.

#### Customer Focus:

Most of our senior level technical managers used to be involved with either contracting or monitoring out-sourced studies, so we understand exactly what is needed to be in a contracting partnership. We run your discovery and development program with the ultimate care and commitment that you would expect from QPS.

#### Cost Effective:

Our DMPK department focuses on core services within our specific areas of expertise, and we integrate the various study components to gain additional efficiencies. This translates to improved overall project and time management which in turn translates to high quality, cost effectiveness and effective capacity utilization.

QPS Delaware and Taiwan are both AAALAC accredited facilities and are both part of governmental GLP inspection programs. All regulatory-filing studies are performed in compliance according to the latest FDA or ICH or OECD guidance documents.

#### QPS offers a full range of DMPK services including:

##### Pharmacokinetics:

- »» Formulation
- »» All Routes of Administration (including but not limited to: IV, PO, intraportal, intraduodenal and intracranial)
- »» Bioanalysis
- »» PK/TK Modeling
- »» PK/PD Modeling
- »» Xenograft Models
- »» Protein Binding

##### DDI / Metabolism:

- »» CYP Inhibition/Induction
- »» Species Comparison
- »» Reaction Phenotyping
- »» Metabolite Profiling and Structural Elucidation

##### Radiolabel:

- »» Tissue Distribution (QWBA & Micro-Autoradiography)
- »» Mass Balance/Excretion/BDC
- »» Metabolite Profiling & Identification

##### Consulting:

- »» Program Development Consulting
- »» Mechanistic Studies
- »» ADME Summary for regulatory submission

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 the essence so contact one of the following members of the QPS Business Development Team today and find out what QPS can do for you!*

**QPS-DMPK** >

Contact: Helen Shen, Ph.D., Senior Director & Head of DMPK  
 ☎ +1 302 453 5902  
 ✉ helen.shen@qps-usa.com

Contact: Bruce Aungst, Ph.D., Director, PK  
 ☎ +1 302 453 5903  
 ✉ bruce.aungst@qps-usa.com

Contact: Eric Solon, Ph.D., Fellow of Autoradiography, DMPK  
 ☎ +1 302 369 5203  
 ✉ eric.solon@qps-usa.com

Contact: Zamas Lam, Ph.D., VP of Non-Clinical Development  
 ☎ +1 302 369 5117  
 ✉ zamas.lam@qps-usa.com

From left to Right: Level 1: Jerry Gromelski, Irma Scheepstra, Level 2: Jeff Moran, Edwin van Vulpen, Livia Legg, Andrew Nehls, Lily Rosa, Jelle Hempenius, Marina Abanto, Mary Ann Gagnon, Brendon Bourg, Level 3: Jim Cunningham, Wendy Nelson

**Europe** >

<b>Bioanalysis, DMPK &amp; Toxicology</b>	<b>Early Stage Clinical</b>
Contact: Jelle Hempenius ☎ +31 50 304 8000 ✉ jelle.hempenius@qps.com	Contact: Edwin van Vulpen ☎ +31 50 304 8000 ✉ edwin.van.vulpen@qps.com
<b>Late Stage Clinical</b>	
Contact: Irma Scheepstra ☎ +31 50 304 8000 ✉ irma.scheepstra@qps.com	

**HQ BD Office** >

**USA**

Contact: Lily Rosa  
 ☎ +1 512 350 2827  
 ✉ lily.rosa@qps-usa.com

**North America** >

<b>Bioanalysis, DMPK &amp; Toxicology</b>	<b>Early &amp; Late Stage Clinical</b>
Northeast: Wendy Nelson ☎ +1 508 543 0228 ✉ wendy.nelson@qps-usa.com	East Coast: Andrew Nehls ☎ +1 402 895 2022 ✉ andrew.nehls@qps-usa.com
Mid Atlantic: Jerry Gromelski ☎ +1 570 451 3015 ✉ jerry.gromelski@qps-usa.com	Central: Jim Cunningham ☎ +1 402 541 6041 ✉ jim.cunningham@qps-usa.com
Southeast: Marina Abanto ☎ +1 513 232 4772 ✉ marina.abanto@qps-usa.com	West Coast: Jeff Moran ☎ +1 302 690 2163 ✉ jeff.moran@qps-usa.com
Central: Jim Cunningham ☎ +1 402 541 6041 ✉ jim.cunningham@qps-usa.com	
West Coast: Jeff Moran ☎ +1 302 690 2163 ✉ jeff.moran@qps-usa.com	

**Asia** >

**Taiwan**

Contact: Alex Chang  
 ☎ +886 2 2655 7555  
 ✉ alex.chang@qps-taiwan.com.tw

**India**

Contact: Manish Kalwani  
 ☎ +91 40 2377 0873 74  
 ✉ manish@bioserve.co.in

**Japan**

Contact: Alex Chang  
 ☎ +886 2 2655 7555  
 ✉ alex.chang@qps-taiwan.com.tw

**Other Asian Countries**

Contact: Alex Chang  
 ☎ +886 2 2655 7555  
 ✉ alex.chang@qps-taiwan.com.tw