

Outsourcing Chemistry Inland China

Why Inland China?

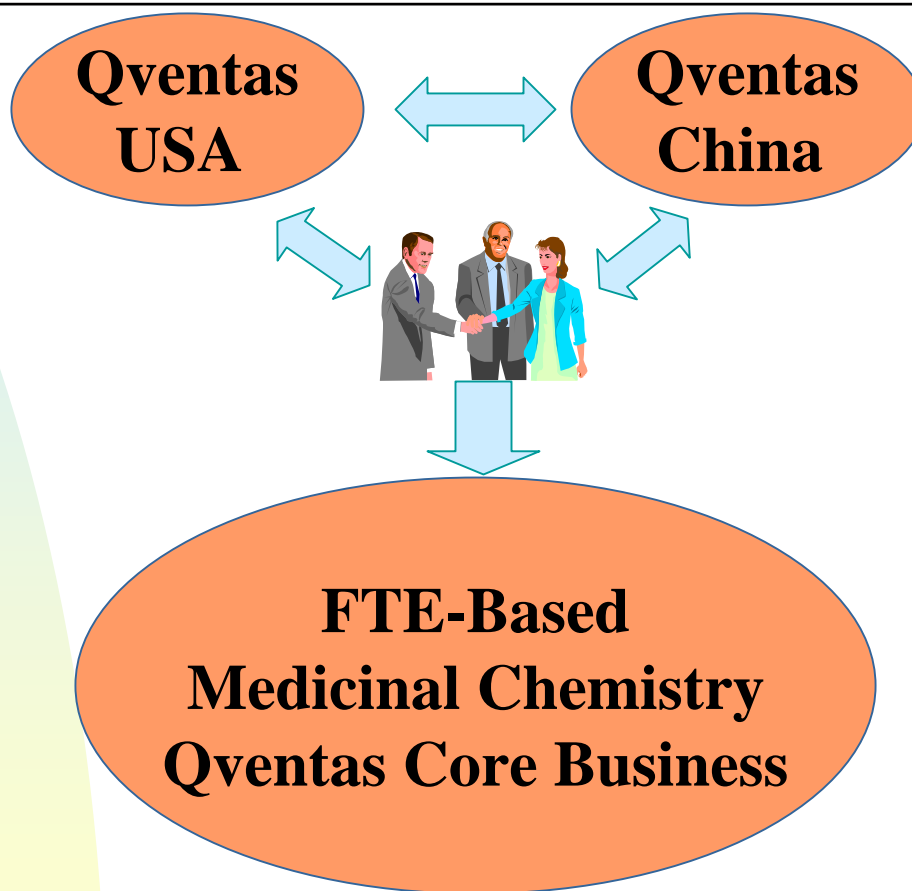
**Costs In Beijing And Shanghai
Are Close To Chicago Now!**

**Qventas-Inland China
The Fastest Growing CRO
In Guangzhou-Near Hongkong**

Qventas History

- Established in 1999 at Delaware/USA
Initial core business - rare research chemicals
- Discovery bioanalytical service offered in 2003
with LC-MS-MS at Brandford/CT/USA
- Chemistry outsourcing launched in 2007
At Guangzhou with the least expensive FTE model
Current core business-fastest growing due to location

Business Model



www.qventas.com

Goal of Qventas-Inland China

- Our corporate goal is to use our hybrid business model between China inland and eastern US to create and deliver compounds timely in the most cost-effective manner, for the sole benefit of our clients
- We achieve this through close collaboration, excellent communications and attentions to our clients' needs, timelines and priorities

Guangzhou-China

- >3000 Years' old capital city of Guangdong province with a population at >10 millions
- Baiyun International Airport (15 mins away) with direct daily flights from USA, Europe and Japan
- 10 Chemistry Departments on local university campuses
- Up to 600 college graduates majoring in chemistry
- 20 Organic academic labs leading to PhDs

Qventas-Guangzhou Facility



- Safe, attractive building with 24 hour security
- Clean, well lit laboratory space

Qventas-Guangzhou Facility

- Total space up to 10000 square feet
- 60 Fume hoods (6 feet wide) in place
- Unlimited access to Scifinder & ACD
- MDS Sciex API 365 - MS/MS System
- NMR available on a daily basis 10 min away

Minimum FTE Model

- \$260,000/ 6 Chemists/year
working full time at the bench
- One PhD Principal as team leader
- No hidden or surprise costs

“Bulk” FTE Model

\$2.36 Millions/ 60 chemists/year
working full time at the bench

- PhD Principals as team leaders
- 6 Sub groups-10 members each
- No hidden or surprise costs

Capabilities

- Structure activity relationship studies
- Discovery of new chemical entities
- Optimization of synthetic methods
- Characterization of components of complex organic mixtures
- Linear & convergent syntheses at any length
- Preparation from milligram to subkilogram quantities of compounds

Project Management

- “Arm of our client”-flexible relationship with immediate response to changing needs
- Daily internal video conferences between China and US by Skype
- Scifinder lit searching inland China with simultaneous lit downloads in PDF
- Immediate redirection of synthetic efforts

Specialty Chemistry

- F-Containing Amino Acids
- Special organic fluorination by halogen exchange
- Low temperature (-40°C) fluorination using elemental fluorine or HF
- Safe, easy to handle
Bench Top Fluorine Generator

Chiral Chemistry

- Enantioselective Methods
- Recrystallization of diastereomeric salts
- Chromatographic separation of diastereomeric derivatives
- Chiral LC-MS
- HNMR of diastereomers

Custom Synthesis

- Process Research
- Preparation of Drug Metabolites
- Preparation of Internal Standards
With Stable Isotope
- Natural Products Isolation

Delivery and Reports

- Package of spectral and analytical data
- Report of procedure
- Weekly update by emails
- Video conferences by Skype

Strengths of Qventas-Inland China

Providing the highest quality compounds

Outstanding communications

Exceeding deliveries

Meeting timelines

Problem solving

Confidentiality

Productivity

Reliability

Low cost

Thank you for your interest in Qventas-Inland China



We look forward to meeting with you at Guangzhou
and providing the synthetic services you need

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