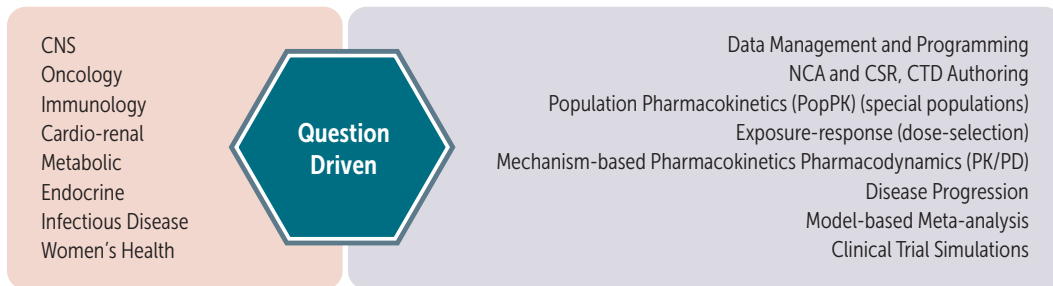




# Partnering for Pharmacometric Impact

**Combining deep therapeutic area expertise with question-driven expert modeling and simulation**



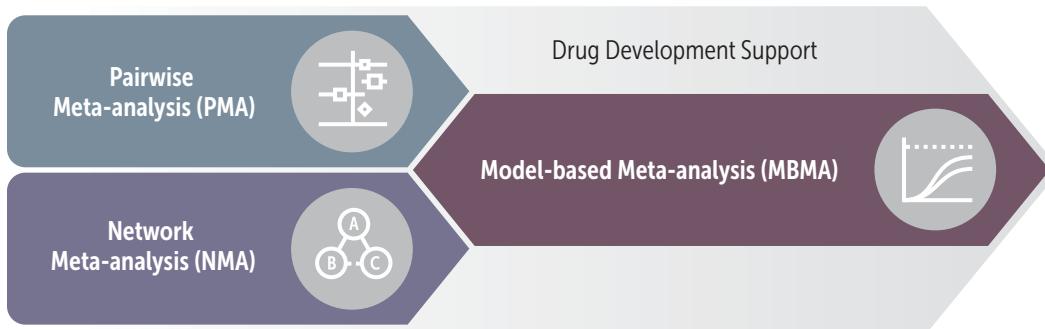
**We Offer World-class Quantitative Solutions**

- **Modeling and Simulation (M&S):** Providing our clients with expert pharmacometric knowhow
- **Model-based Meta-analysis (MBMA):** Offering our clients a deep quantitative understanding of their competitive landscape
- **Strategic Question-driven Pharmacometric Consultancy:** Assuring full impact of M&S and MBMA on drug development decisions

## Model-based Meta-analysis

- Quantifying clinical trial efficacy, tolerability and safety information to enable informed drug development decisions
- Incorporating quantitative pharmacology models for the effects of treatment, time and patient characteristics on therapeutic outcome
- Competitive positioning, quantitative definition of best-in-class, assessment of drug class characteristics and optimizing clinical trial designs

## Evidence Synthesis



## As part of our integrated pharmacometrics product

- We partner with our clients across all phases of drug development
- Our integrated services range from data management and hands-on M&S through regulatory reporting and filing support
- We are a one-stop shop and offer a full pharmacometric department-for-hire

Hands-on Activities			Project Team Representation	
Data Management and Programming	Model-based Meta-analysis		Integration and Interpretation	
Noncompartmental Analysis	PopPK	Exposure Response	Clinical Trial Simulations	Impact Program Development Strategy
Clinical Study Report Contributions	Mechanism-based PD Modeling		Incorporation in Regulatory Submissions	
Strategic Quantitative Pharmacology Consulting				
Strategic In-house PKPD/M&S Capability Development – Mentoring of Client Staff – Scientific Supervision, Reviewing and Training				

## About Certara

Certara is a leading provider of decision support technology and consulting services for optimizing drug development and improving health outcomes. Certara's solutions, which span the drug development and patient care lifecycle, help increase the probability of regulatory and commercial success by using the most scientifically advanced modeling and simulation technologies and regulatory strategies. Its clients include hundreds of global biopharmaceutical companies, leading academic institutions and key regulatory agencies.

For more information visit [www.certara.com](http://www.certara.com) or email [sales@certara.com](mailto:sales@certara.com).