Title of presentation:
Value of Pharmacometrics Analyses in Drug Development

Speaker information:
Christine Yuying Gao, MD, PhD
Senior Vice President, Certara USA
President & CEO, Certara China
Email: yuying.gao@certara.com

Abstract:
The process of drug development is extremely time consuming and costly. It takes approximately 10-12 years and costs hundreds of millions or billions dollars. Pharmacometrics is the scientific discipline that uses mathematical models based on biology, pharmacology, physiology, and disease for quantifying the interactions between drugs and patients. Its purpose is to reduce cost and shorten development time by optimizing the clinical assessment of efficacy and safety. This presentation highlights the value of pharmacometric analyses in drug development through selected examples.