

Abstract Awards

[ACoP10 QUALITY AWARD WINNERS](#)

Yixuan Zou, Fei Tang, **Chee M. Ng**

Title: Using Medical Claim Data and Modified Wald's Approximated Covariate Selection Method to Develop a Population Disease Progression Model for Leuprorelin-treated Subjects with Hormone-sensitive Prostate Cancer

Fariba Khanshan, Alison Margolskee, Andy Stein, Yu-Yun Ho, Michael Looby

Title: Exploratory Graphics (xGx): Promoting the purposeful exploration of PKPD data

Kyle Baron, Oliver Pohl, Matthew Riggs, Jonathan French, Jean-Pierre Gotteland, Ramon Garcia

Title: Model-based Dose Selection for a GnRH Receptor Antagonist in Endometriosis and Uterine Fibroids (UF) to Reduce Symptoms While Preventing Lumbar Spine Bone Mineral Density (BMD) Loss

[ACoP10 TRAINEE AWARD WINNERS](#)

Freva Bachmann, Gilbert Koch, Marc Pfister, Johannes Schropp

Title: OptiDose: Computing the optimal individual dosing regimen with constraints on model states to include side effects

Qunshu Zhang, James Travis, Rebecca Rothwell, Yaning Wang, Jian Wang

Title: Developing Quantitative Methods to Compare Exposure-Response Relationships Between Pediatrics and Adults to Support Pediatric Extrapolation

Meera Varshneva, Xueyan Mei, Eric A Sobie

Title: Combining Systems Pharmacology Modeling With Machine Learning Techniques To Identify Sub-Populations At Risk Of Drug-Induced Arrhythmias

[ISoP QSP SIG STUDENT AWARD WINNER](#)

Qingxiang Lin, Zhicheng Qian, Shichen Shen, William J. Jusko, Donald E. Mager, Wen Wee Ma, Jun Qu, Robert M. Straubinger

Title: Mechanistic multi-scale models characterize drug synergism between BGJ398 and gemcitabine in pancreatic ductal adenocarcinoma

[ISoP MCS SIG POSTER AWARD WINNER](#)

Christopher Vincent Rackauckas, Vijay Ivaturi

Title: Bayesian-Koopman Techniques for Optimization of Intervention With Respect to Uncertainty in PuMaS.jl

[ISoP CLINICAL PHARMACOMETRICS SIG TRAINEE AWARD WINNER](#)

Ly Minh Nguven, Calvin Meaney, Mandip Panesar, and Wojciech Krzyzanski

***Title:** An Adaptive Bayesian Method for the Development of Individualized Anemia Management Protocols in End-Stage Renal Disease Patients*

[ISoP SxP SIG STUDENT AWARD WINNER](#)

Sihang Liu, Ziheng Cheng, Ziyi Yang, Alan Breier, Michael Francis, Robert Bies

***Title:** Resolving Conflicting Results Arising from a Pharmacometric and a Statistical Analysis of the Cognitive Effects of a Selective Estrogen Receptor Beta Agonist (LY500307) in Schizophrenic Patients*