

SUNDAY, SEPTEMBER 15, 2019 | Symposium 4 | 1:30 – 3:00 PM

Pediatric Therapeutic Drug Monitoring & Drug Development in the Age of Pharmacometrics, an ISoP/ACCP Clinical Pharmacometrics Special Interest Group Jointly-sponsored Symposium

DEVELOPMENT & PATIENT-CENTRIC TRACKS

Offers both CME & CPE Credit

UAN #0238-9999-19-004-L01-P

ACPE – 1.5 CONTACT HOURS/KNOWLEDGE-BASED

CO-CHAIRS:

Marc H. Scheetz, PharmD, Professor, Northwestern Univ, Chicago Coll of Pharmacy, Pharmacy Practice & Coll of Graduate Studies, Pharmacology

John Carl Panetta, PhD, Biomedical Modeler, St Jude Children's Research Hosp, Pharmaceutical Sciences

TARGET AUDIENCE:

This Symposium will be useful for all parties interested in new therapeutic drug monitoring (TDM) methods in the setting of pediatrics, including physicians, pharmacists, nurse practitioners, physician assistants, clinical pharmacologists, pharmacometricians, academic and government researchers, regulators and health profession educators.

GOALS & OBJECTIVES:

Following the completion of this activity, the learner will be able to:

1. Summarize the advancements in pediatric TDM research and implementation in the age of pharmacometrics;
2. Evaluate different applications of pharmacometric TDM tools in the clinical care of pediatric patients;
3. Identify how collaborative efforts between researchers, clinicians and regulatory agencies can facilitate optimal treatment and improved outcomes in patients.

1:30 – 1:40 PM

Introduction: Pediatric Therapeutic Drug Monitoring & Drug Development in the Age of Pharmacometrics

Marc H. Scheetz, PharmD, Professor, Northwestern Univ, Chicago Coll of Pharmacy, Pharmacy Practice & Coll of Graduate Studies, Pharmacology

1:40 – 2:00 PM

Applications of Model-informed Drug Development in Pediatric Patients

Gilbert J. Burckart, PharmD, Associate Director for Pediatrics, US Food & Drug Administration, Office of Clinical Pharmacology

2:00 – 2:25 PM

WAPPS-Hemo: A Global Effort to Improve Hemophilia Prophylaxis Using Pharmacometrics

Andrea Edginton, PhD, Associate Director, Graduate Studies & Research, Associate Professor, Univ of Waterloo, School of Pharmacy

2:25 – 2:45 PM

Therapeutic Drug Monitoring in Pediatric Acute Lymphoblastic Leukemia

John Carl Panetta, PhD, Biomedical Modeler, St Jude Children's Research Hosp, Pharmaceutical Sciences

2:45 – 3:00 PM

Faculty Panel Discussion, Questions & Answers, Learner Feedback & Evaluations