



ACCP

AMERICAN COLLEGE OF CLINICAL PHARMACOLOGY®
Advancing Clinical Care through Pharmacology®

Symposia

TUESDAY, SEPTEMBER 22, 2020 | Symposium 8 | 10:00 – 11:30 AM

Learning Health Systems: Leveraging Synergies Between Pharmacometrics & Pharmacoepidemiology for Efficient Healthcare Delivery

APPLIED CLINICAL PHARMACOLOGY TECHNIQUES TRACK

Offers both CME & CPE Credit

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ACPE – 1.5 CONTACT HOURS/KNOWLEDGE-BASED

CO-CHAIRS:

Ayyappa Chaturvedula, PhD, Associate Professor, Pharmacotherapy, Univ of North Texas Health Science Ctr

Navin S. Goyal, PhD, Director, Clinical Pharmacology Modeling & Simulation, GlaxoSmithKline plc

TARGET AUDIENCE:

This Symposium will be helpful for clinicians (MD, PharmD) working in patient care settings, as well as clinical pharmacologists and pharmacometricians working in drug development.

GOALS & OBJECTIVES:

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

1. Discuss the Inst of Medicine's proposal on learning health systems and their role in healthcare delivery;
2. Understand the changing regulatory environment for drug effectiveness demonstration;
3. Understand the role of pharmacoepidemiology to bridge between efficacy and effectiveness of the integrated analysis in drug development via case studies;
4. Evaluate the role of pharmacometrics in supporting real-world evidence and synergies with pharmacoepidemiology.

Learning Health Systems: Introduction to an Emerging Paradigm

Ayyappa Chaturvedula, PhD, Associate Professor, Pharmacotherapy, Univ of North Texas Health Science Ctr C

Models of Healthcare Delivery: Future of Medicine

Alexander A. Vinks, PharmD, PhD, Professor & Division Director, Clinical Pharmacology, Cincinnati Children's Hosp Medical Ctr

How Should a Pharmacometric Model Look for a Practicing Clinician to Bring Better Outcomes?

Michael N. Neely, MD, Chief, Infectious Diseases, Director, Laboratory of Applied Pharmacokinetics & Bioinformatics, Children's Hosp Los Angeles, Professor of Pediatrics & Clinical Scholar, Keck School of Medicine, Univ of Southern California

Efficacy & Effectiveness in the Continuum of Drug Development

Annesha White, PharmD, MS, PhD, Associate Dean for Assessment & Associate Professor, Univ of North Texas System Coll of Pharmacy

Path Forward to Expanding Learning Health Systems

Navin S. Goyal, PhD, Director, Clinical Pharmacology Modeling & Simulation, GlaxoSmithKline plc

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