

Mini-Symposium on Quantitative Systems Biology-Pharmacology (QSBP)

May 7, 2014 • 10 AM - 4:00 PM
Pharmacy • LCR 202 • Piscataway, NJ

- 9:55 a.m. – 10:00 a.m. **WELCOMING REMARKS**
- 10:00 a.m. – 10:30 a.m. **Richard J. Bertz, PhD**
Bristol-Myers Squibb R&D, Vice President and Head
Clinical Pharmacology & Pharmacometrics
Metabolic/Transporter Drug-Drug Interactions with Some Examples in Virology
- 10:35 a.m. – 11:05 a.m. **A.-N. Tony Kong, PhD**
Ernest Mario School of Pharmacy, Rutgers University
Systems Biology of Epi/Genomics, Pharmacokinetics (PK), Pharmacodynamics (PD) and PK-PD Modeling & Simulation of Anti-Cancer Phytochemicals
- 11:10 p.m. – 11:20 a.m. **Break**
- 11:20 a.m. – 11:50 a.m. **Tarek Leil, PhD**
Bristol-Myers Squibb R&D
Quantitative Systems Pharmacology in Pharmaceutical R&D: Application in Exploratory Clinical Development
- 11:50 am – 12:15 p.m. **Discussion #1**
- 12:15 p.m. – 1:30 p.m. **Lunch**
- 1:30 p.m. – 2:00 p.m. **Leonid Kagan, PhD**
Ernest Mario School of Pharmacy, Rutgers University
Model-based Interspecies Scaling in Pharmacokinetics
- 2:10 p.m. – 2:40 p.m. **Ioannis Androulakis, PhD**
Biomedical and Chemical & Biochemical Engineering, Rutgers University
Quantitative Systems Biology of Inflammation: The Interplay between Circadian Rhythms and Immune Response
- 2:50 p.m. – 3:00 p.m. **Break**
- 3:00 p.m. – 3:30 p.m. **Anirvan Sengupta, PhD**
Department of Physics, Rutgers University
Modeling Epigenetic Silencing
- 3:30 – 4:00 pm **Discussion #2**

Co-Sponsors

Rutgers Center for Quantitative Systems Biology-Pharmacology