Pharmacometrics Symposium  
Modeling and Simulation in Drug Development  
Presented by the Center for Human Experimental Therapeutics  
Friday, June 1st (1 PM to 5 PM)  
Ryan Case Method Room (1-9576), University of Rochester Medical Center

AGENDA

1:00 - 1:05 Karl Kieburtz, MD  
Director of Center for Human Experimental Therapeutics  
University of Rochester  
**Opening Remarks**

1:05 - 1:55 Richard Lalonde, PharmD  
Vice President, Global Head of Clinical Pharmacology  
Pfizer, Inc  
**Topic: Overview of pharmacokinetic-pharmacodynamic modeling and simulation in drug development**

1:55 - 2:45 Donald Mager, PhD  
Associate Professor of Pharmaceutical Sciences  
University at Buffalo  
**Topic: Use and examples of systems pharmacology for characterizing drug effects**

2:45 – 3:00 Break

3:00 - 3:50 Vladimir Dragalin, PhD  
Senior Vice President  
Aptiv Solutions  
**Topic: Improving learning and efficiency with adaptive designs in dose-exposure-response trials**

3:50 - 4:40 Joga Gobburu, PhD  
Professor and Executive Director of Center for Translational Medicine  
University of Maryland  
**Topic: Regulatory experiences with pharmacologic-based modeling and simulation in drug development**

4:40 - 5:15 Panel discussion with presenters led by Susan Rosenkranz, PhD (Harvard School of Public Health)  
Topics: Strengthening academic, industry, and regulatory collaborations; managing innovation; training future pharmacometricians, and more

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