2011 Spring Symposium and Vendor Exhibition

Current Scientific Concepts and Practices in DMPK: Drug Transporters, DDI, Formulation Strategies, and Clinical Pharmacology

Sponsored by the Drug Metabolism Discussion Group

American Chemical Society
North Jersey Section
Introductory remarks

• **Dr. Stephen Wright**, Structure and Function of Human “Multidrug And Toxin Extruders” (MATEs)

• **Dr. William Elmquist**, Factors Influencing Drug Delivery to the Brain: Multiple Mechanisms at Multiple Barriers

• **Dr. Andrew Parkinson**, Irreversible Inhibition of CYP2C19 by Some but not all Proton Pump Inhibitors and its Relevance to the Anti-Platelet Effect of Clopidogrel (Plavix)

• **Dr. Tycho Heimbach**, Formulation-Dependent PK/PD and Human Dose Projections Using In silico, In vitro and In vivo Data

• **Dr. Philip Mayer**, Developing the Clinical Pharmacology Section of a U.S. Package Insert
Upcoming Speakers Fall Symposium (06 October 2011)

- Bruno Stieger Ph.D., University of Zurich, Switzerland: *Hepatic drug transport/disposition and potential toxicological consequences*

- James Polli Ph. D., University of Maryland School of Pharmacy: *Modeling substrate interactions with the intestinal bile acid transporter and potential for pro-drug strategies*