

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*

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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*