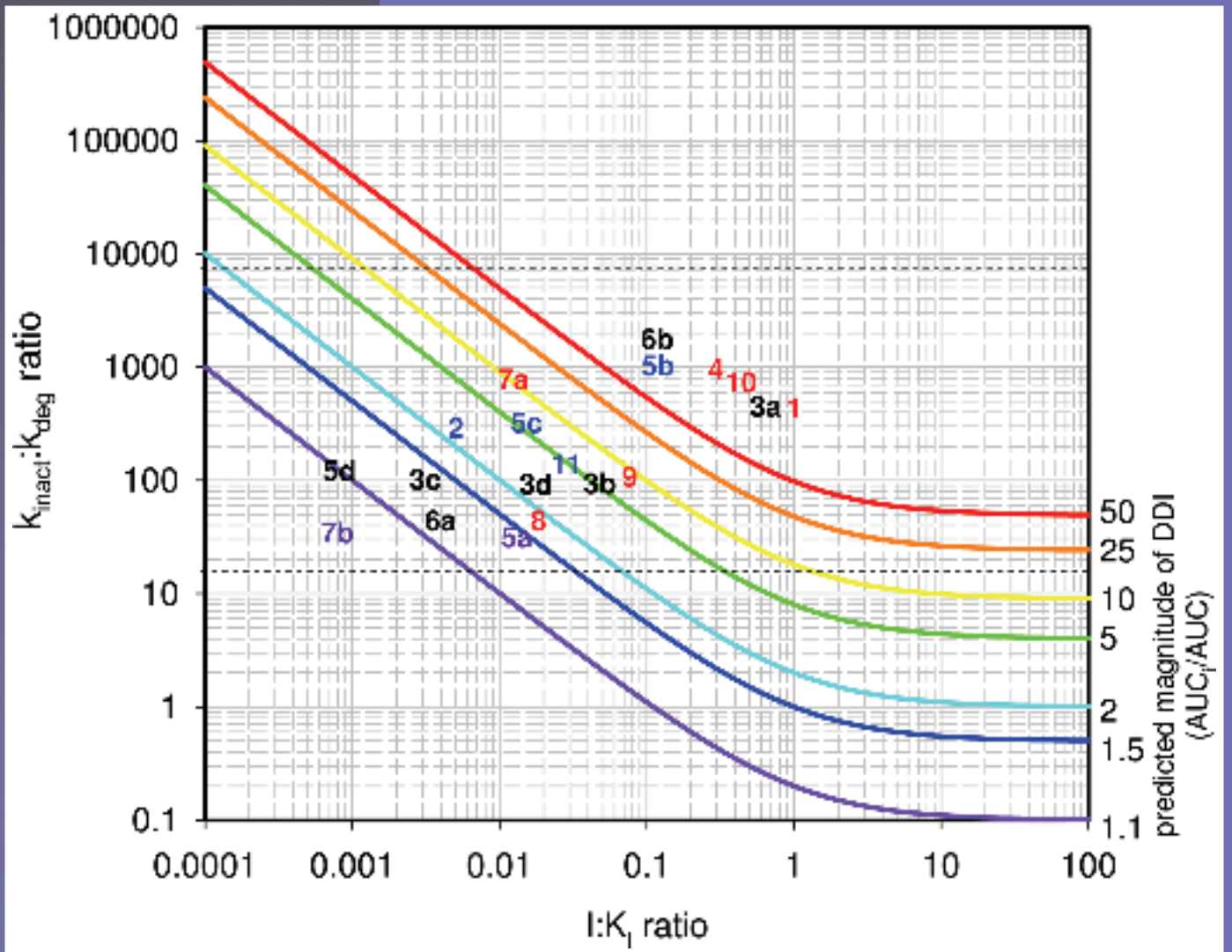


# DRUG METABOLISM AND DISPOSITION



A Publication of the  
American Society for Pharmacology  
and Experimental Therapeutics

# 2007

FASEB

# Summer Research Conferences



## Saxtons River Vermont

- Transport ATPases: Structure, Mechanism, Genomics & Disease
- Nuclear Structure & Cancer
- Mechanisms & Regulation of Prokaryotic Transcription
- Renal Hemodynamics: Biomolecular Control Mechanisms Integrating Vascular & Tubular Function
- Autoimmunity
- Hematopoietic Malignancies
- Lipid Droplets: Metabolic Consequences of Stored Neutral Lipids
- The Biology of Cilia & Flagella

## Tucson, Arizona

- Mobile Elements in Mammalian Genomes
- Lysophospholipid Mediators in Health & Disease
- Thrombospondins & Other Matricellular Proteins in Tissue Organization & Homeostasis
- Lymphocytes & the Immune System: Molecular, Cellular & Integrative Mechanisms
- TGF- $\beta$  Superfamily: Signaling & Development
- Ciliate Molecular Biology
- Nutritional-Immunology: It's Role in Health & Disease
- Assembly of the Mitochondrial Respiratory Chain
- Growth Factor Receptor Tyrosine Kinases in Mitogenesis, Morphogenesis, & Tumorigenesis

## Snowmass Village, Colorado

- Histone Deacetylases
- Ion Channel Regulation
- The Biology and Chemistry of Vision
- Signal Transduction in the Immune System
- Chromatin & Transcription
- The Biology of Calpains in Health & Disease
- Microbial Pathogenesis: Mechanisms of Infectious Disease
- Genetic Recombination & Genome Rearrangements
- Glucose Transporter Biology
- Gastrointestinal Tract XII: The Molecular & Integrative Basis for GI Development, Homeostasis & Disease

## Indian Wells, California

- Proteases in Hemostasis & Vascular Biology
- Mitosis: Spindle Assembly and Function
- Helicases & NTP-Driven Nucluc Acid Motors: Structure, Function, Mechanisms & Roles in Human Disease
- Protein Kinases & Protein Phosphorylation
- Skeletal Muscle Satellite & Stem Cells
- Unfolded Proteins in the Endoplasmic Reticulum to Disease
- Energy Balance, Body Fat & Disease
- Lipid Signaling Pathways in Cancer

## I Giocco, Lucca, Toscana, Italy

- ARF Family GTPases

## Bondi Beach, Sydney, Australia

- Neural Mechanisms in Cardiovascular Regulation

### Mailing List

To be added to our mailing list, contact:  
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[jlevin@faseb.org](mailto:jlevin@faseb.org); [mcgovern@faseb.org](mailto:mcgovern@faseb.org); [bwilson@faseb.org](mailto:bwilson@faseb.org)

### Information & Application

Available in March on our web site- <http://src.faseb.org>  
FASEB Members Will Automatically Receive the Meeting Notice

  
BALTIMORE, USA  
APRIL 2007

A Simcyp Sponsored Seminar  
Wednesday 4<sup>th</sup> April 2007

Register before  
February 15<sup>th</sup> &  
**SAVE 33%**

# ADME in Drug Development: Bridging DM-PK-PD Using Modelling and Simulation

Register free as part of attendance at our

## Hands-on Workshops on “Concepts” and “Applications” of Population based *In Vitro* - *In Vivo* Extrapolation of ADME Properties

For more information on this and other International Workshops and Seminars please see

<http://www.simcyp.com/docs/workshops.htm>

2<sup>nd</sup> - 3<sup>rd</sup> April 2007  
Concepts Workshop

5<sup>th</sup> - 6<sup>th</sup> April 2007  
Applications Workshop

Baltimore Marriott Waterfront Hotel, Baltimore, USA

The workshops will centre around practical examples demonstrating how data generated during drug discovery and pre-clinical drug development can be used to predict:

- Metabolic drug clearance (CL)
- Metabolic drug-drug interactions (DDIs)
- Gut first-pass metabolism
- Oral drug absorption including the effect of efflux transporters
- Drug distribution to different organs
- Plasma drug concentration-time profiles
- Metabolic CL and DDIs in specific populations (*pediatric, ethnic groups, disease groups*)

The main emphasis will be on assessing population variability and optimizing the design of clinical studies within the framework of whole body physiologically-based pharmacokinetics (WB PBPK).

### Speakers in the Seminar include:

**David J Greenblatt**, Dept. of Pharmacol & Exptl Therapeutics, Tufts University

**Micaela Reddy**, Research Scientist, Roche, Palo Alto

**Amin Rostami**, Reader in Clinical Pharmacology and Drug Metabolism, Univ Sheffield and Director of Scientific R&D, Simcyp Limited

**Ed LeCluyse**, Chief Scientific Officer, Cellzdirect

**David Plowchalk**, Associate Research Fellow, Pfizer, Groton

**Steve Toon**, Executive Director, Simcyp Limited, Sheffield

**Sean Ekins**, Senior Vice President, Arnold Consulting Technologies LL

**Joseph Polli**, Section Manager, DMPK, GlaxoSmithKline, RTP

**Rajesh Krishna**, Head, Quantitative Clinical Pharmacology, Merck, Rahway

**simcyp**

Enzyme kinetics - pharmacokinetics - and beyond