

Optimizing the Use and Interpretation of *In Vitro* ADME Studies

First Announcement: Day Seminars on IVIVE in Europe and the USA



AROSA, Switzerland Kulm Hotel & Alpine Spa

2nd April 2008

Register FREE for the seminars, as part of attending hands-on pharmacokinetics workshops, to hear about the hot topics relevant to M&S in ADME from our distinguished panel of speakers. The speakers include:

BOSTON, USA Hyatt Regency

3rd June 2008

Per Artursson - Professor of Pharmaceutics, Uppsala University

"Role of Active and Passive Transport during Drug Absorption and Distribution"

David Back - Professor of Pharmacology, University of Liverpool

"Towards an Understanding of Drug Interactions in HIVTherapy"

Philippe Beaune - Professor of Biochemistry & Molecular Biology, University of Paris

"Metabolic Variations and Response to Drugs"

Alyson Connor - Principal Scientist, Pharmaceutical Profiles, Nottingham

"The Use of Scintigraphy in the Development of Modified Release Formulations"

Roberto Gomeni - Head of Clinical PK and M&S, GlaxoSmithKline, Verona

"Integrating Data in Model Building as Part of Clinical trial Design"

Nicola Hewitt - Scientific Consultant, CellzDirect, Erzhausen

"Clinical Implications of Induction of Drug Metabolising Pathways"

Nina Isoherranen - Assistant Professor of Pharmaceutics, University of Washington, Seattle

"*In Vitro* - *In Vivo* Predictions for Interactions Caused by Multiple (Reversible) Inhibitors"

Sibylle Neuhoff - Senior Scientist & Research Fellow, Simcyp, Sheffield

"Cell Culture Assays - Use and Abuse"

Mats Magnusson - Visiting Fellow, Clinical Pharmacology, Pfizer Global R&D

"Mechanistic Modelling of Enzyme Induction Data from Clinical Studies"

Alex Avdeef - Co-founder and President, pION Inc., Woburn

"Prediction of Oral Drug Absorption: Everything should be Made as Simple as Possible, But Not Simpler"

Kim L R Brouwer - Professor and Chair, Pharmacotherapy and Experimental Therapeutics, University of North Carolina, Chapel Hill

"Use of Sandwich-Cultured Human Hepatocytes to Predict Hepatobiliary Drug Clearance and Transporter Mediated DDI's"

Michael H Court - Assistant Professor of Pharmacology and Experimental Therapeutics, Tufts University, Boston

"Interindividual Variability in Drug Glucuronidation"

Ryosei Leo Kawai - Senior Expert Modeller, M&S, Novartis Institute for Biomedical Research Inc., Cambridge

"Integrating PBPK and PKPD to Facilitate Decision-Making in Drug Development"

Soraya Madani - Director, Drug Regulatory Affairs, Novartis FDA Liaison and Policy Office, Rockville

"Critical Evaluation of Revised FDA Draft Guidance for Drug-Drug Interaction (DDI) Studies"

Lisa von Moltke - Senior Director, Millennium Pharmaceuticals, Cambridge

"Clinical Pharmacology: Making Sense of Translational Information"

R Scott Obach - Senior Research Fellow, Pfizer Global R&D, Groton

"An Update on Prediction of Drug-Drug Interactions: An Industrial Point of View"

K Sandy Pang - Professor of Pharmacy & Pharmacology, University of Toronto

"The Role of Vitamin D Receptor (VDR) on Transporters and Enzymes"

Shashank Rohatagi - Senior Director, M&S, Transitional Medicine & Clinical Pharmacology, Daiichi Sankyo, Edison

"Model-Based Drug Development"

Jash Unadkat - Professor of Pharmaceutics, University of Washington, Seattle

"Complexity Of DDI Caused by Anti-HIV Drugs: The Role of Transporters and Metabolic Enzymes"

Register at

www.simcyp.com

Please contact k.jinkinson@simcyp.com

for further details

The following 2 day workshops will take place prior to and after each of the seminars, led by Dr Amin Rostami of the University of Sheffield

 **Hands-on workshop on Concepts of IVIVE**

AROSA - 31st March + 1st April 2008

BOSTON - 1st + 2nd June 2008

 **Hands-on workshop on Applications of IVIVE**

AROSA - 3rd + 4th April 2008

BOSTON - 4th + 5th June 2008

These workshops cover different aspects of *in vitro* - *in vivo* extrapolation (IVIVE) in the prediction of absorption, distribution, clearance and drug-drug interactions.

The courses are designed to give a general background to PBPK and IVIVE involving prediction of concentration-time profiles. All course material is set within a context **relevant to drug discovery and development**. All courses involve **computer-based hands-on problem solving sessions**.

Following the success of the previous workshops in Philadelphia, Basel, Baltimore and Prague where there was high demand for these unique workshops, we recommend early booking.