

New Horizons in Toxicity Prediction

The 2nd International Lhasa Symposium

15th – 16th September 2010, Leeds, UK
www.lhasasymposium.com

Day 1: Current Approaches & Initiatives in Toxicity Prediction

09:00 – 09:45	Delegate Arrival: Welcome & Networking
09:45 – 10:00	Opening Speech
10:00 – 11:00	Plenary: Current Issues in Toxicity Prediction Dr Thomas Hartung The Doerenkamp-Zbinden Professor and Endowed Chair for Evidence-Based Toxicology; CAAT Director
11:00 – 11:40	Good Practices for Building Robust QSAR Models for Chemical Toxicity Professor Alexander Tropsha Professor and Chair of Medicinal Chemistry and Natural Products, UNC School of Pharmacy, NC, USA
11:40 – 12:10	Coffee
12:10 – 12:40	ChemSpider – A Platform to Gather, Host and Integrate Structure Based Data Across the Web Dr Antony Williams Vice President of Strategic Development, ChemSpider at Royal Society of Chemistry, UK
12:40 – 13:20	Implementation of the Category Approach in the OECD (Q)SAR Application Toolbox Dr Sabcho Dimitrov, Deputy Head Laboratory of Mathematical Chemistry, Bourgas "Prof. As. Zlatarov" University
13:20 – 14:20	Buffet Lunch & Poster Session
14:20 – 15:00	REACH - Implementation, Application & Impact Tom Holmes, Agchem Project Consulting (APC) Ltd
15:00 – 15:40	Data Integration & Predictive Systems Biology Dr William B. Mattes PharmPoint Consulting Former Executive Director, Predictive Safety Testing Consortium
15:40 – 16:10	Coffee
16:10 – 16:50	Metabolism Mediated Toxicity Prediction Dr Tomas A. Baillie University of Washington
16:50 – 17:00	Closing Presentation & Thanks David Watson CEO, Lhasa Limited

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Day 2: New Directions & Challenges in Toxicity Prediction

- 08:30 – 09:00 Delegate Arrival: Welcome & Networking
- 09:00 – 09:15 **Opening Speech**
- 09:15 – 10:15 **Plenary: Emerging Areas in Toxicity Prediction**
Professor Jim Bridges
Head of the European Institute of Health and Medical Sciences
University of Surrey, UK
- 10:15 – 10:50 **Modulation of Drug Response by Transporter-Mediated Membrane Transport**
Professor Hiroyuki Kusuvara
Professor & Chairman, Dept. of Molecular Pharmacokinetics,
Graduate School of Pharmaceutical Sciences, Japan
- 10:50 – 11:20 Coffee
- 11:20 – 12:00 **Toxicogenomics in Predictive Toxicology**
Dr Eric Blomme
Project Leader, Cellular & Molecular Toxicology,
Abbott Laboratories, USA
- 12:00 – 12:40 **Metabolomics in Toxicity Assessment**
Professor Elaine Holmes
Chemical Biology, Imperial College London, UK
- 12:40 – 13:20 **Computational Systems Biology & Dose Response**
Dr Melvin Anderson
Director, Division of Translational and Computational Biology,
The Hamner Institutes for Health Sciences
- 13:20 – 14:20 Lunch (+ Time to View Royal Armouries Museum)
- 14:20 – 15:00 **TK/TD Relationships: Exploring Dose, Concentration & Time Relationships in Drug Toxicity**
Dr Dennis Smith
Vice President – Pharmacokinetics, Dynamics & Metabolism
Pfizer Global Research & Development, UK
- 15:00 – 15:40 **Human Adult Stem Cells and Cell-Cell Communication As Targets for Epigenetic Toxicity: A New Strategy for Toxicity Testing**
Dr James Trosko
Center for Integrative Toxicology; Dept. Pediatrics/Human Development,
College of Human Medicine, Michigan State University, USA.
- 15:40 – 16:00 **Closing Presentation & Thanks**
David Watson
CEO, Lhasa Limited