

New Horizons in Toxicity Prediction

The 3rd International Lhasa Symposium

5th – 6th September 2012, Cambridge, UK
www.lhasasymposium.com

Day 1: Toxicology

- 09:00 – 09:30 Delegate Arrival: Welcome & Networking
- 09:30 – 09:45 **Opening Speech**
- 09:45 – 10:45 **Plenary: Toxicology Prediction - The present, the future, the challenges**
Professor Alan R Boobis
Department of Medicine, Imperial College London
- 10:45 – 11:30 **The Next Generation of Toxicology Risk Assessment**
Dr David J Dix
Deputy Director, US Environmental Protection Agency
- 11:30 – 12:00 Coffee
- 12:00 – 12:45 **Metabolite Prediction**
Professor Patrik Rydberg
University of Copenhagen
- 12:45 – 13:45 Buffet Lunch & Poster Session
- 13:45 – 14:30 **Bridging Computational Modelling and Wet-bench Toxicology: Inter-disciplinary Approach to Move the Field Forward**
Professor Ivan Rusyn
UNC Gillings School of Public Health, University of North Carolina
- 14:30 – 15:15 **Modelling of the Toxicity of Small Molecules as an Aid in Designing New Drugs**
Professor Hans Westerhoff
Director, Manchester Centre for Integrative Systems Biology (MCISB)
- 15:15 – 15:45 Coffee
- 15:45 – 16:30 **Application of Stem Cell Derived Tissues to Improve Cardiac Safety Assessment**
Dr Kyle Kolaja
Director and Global Head of Predictive Toxicology Screens and Investigative Safety, Hoffmann-La Roche
- 16:30 – 17:15 **Application of Transgenic Models in Metabolism and Toxicity**
Professor Roland Wolf
University of Dundee
- 17:15 – 17:30 **Closing Remarks & Thanks**
David Watson
CEO, Lhasa Limited
- 19:00 – 22:00 Dinner & After Dinner Speech
Toxicity - A View From Outside
Professor Hugo Kubinyi
Retired Professor, BASF AG and University of Heidelberg

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Day 2: Systems Approaches

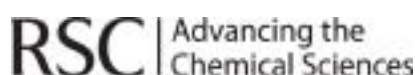
- 08:30 – 09:30 **Plenary: Adverse Drug Reactions: From Man to Molecule and Back Again**
Professor Kevin Park
Director of the M.R.C. Centre for Drug Safety Science
Head of the Institute of Translational Medicine, University of Liverpool
- 09:30 – 10:15 **Systems Biology in Toxicology**
Professor Steve Oliver
Director of Cambridge Systems Biology Centre,
University of Cambridge
- 10:15 – 10:45 Coffee
- 10:45 – 11:30 **Translation of *In Silico* to *In Vitro* to *In Vivo* in Toxicity Prediction**
Dr Harvey Clewell
The Hamner Institutes for Health Sciences, US
- 11:30 – 12:15 **Transporters in Drug Safety**
Professor Yuichii Sugiyama
RIKEN (The Institute of Physical and Chemical Research), Japan
- 12:15– 13:15 Lunch
- 13:15 – 14:00 **Predicting Drug-Drug Interactions**
Professor Geoff Tucker
Emeritus Professor of Clinical Pathology, University of Sheffield
- 14:00 – 14:45 **Pharmacogenomics Knowledge Base**
Dr Teri Klein
Senior Scientist, Stanford University
- 14:45 – 15:30 **Xenobiotic Response Modelling**
Dr Richard Brennan
Director of Toxicology, Thomson Reuters, US
- 15:30 – 15:45 **Closing Remarks & Thanks**
David Watson
CEO, Lhasa Limited
- 15:45 – 16:30 Coffee



Event Partner



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