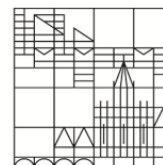




Universität  
Konstanz



**Agenda**  
**Symposium Metabolomics in Toxicology and Preclinical Research:**  
**State-of-the art and potential applications**

13th of February, 2012

Novotel-Berlin-Mitte, Berlin, Germany

- 09:00-09:20 Introduction: Thomas Hartung, Johns Hopkins University, CAAT; USA  
Ben van Ravenzwaay, BASF SE, Germany
- 09:20-9:40 "Metabolic profiling approaches in toxicology"  
Dr. Harald Jungnickel, BfR, Germany
- 09:40-10:00 "Role of Metabolomics in Environmental Chemical Exposure and Risk Assessment"  
Dr. Drew R. Ekman, EPA, USA
- 10:00-10:20 "The use of metabolomics for chemical grouping"  
Dr. Henicke Kamp, BASF SE, Germany
- 10:20-10:40 "Towards fit for purpose metabolomics for read-across under REACH"  
Dr. Elwin Verheij, TNO, the Netherlands
- 10:40-11:10 *coffee break*
- 11:10-11:30 "Mode of action identification"  
Dr. Bennard van Ravenzwaay, BASF SE, Germany
- 11:30-11:50 "Identifying Pathways of Toxicity for Developmental Neurotoxicology"  
Dr. Helena Hogberg, Johns Hopkins University, CAAT, USA
- 11.50-12:10 "Mapping the Human Toxome"  
Prof. Thomas Hartung, Johns Hopkins University, CAAT, USA
- 12:10-12:30 "Potential and challenges of Metabonomics: Some results and conclusions from the study of urine samples of asthmatic children"  
Dr. Claude Guillou, EC JRC, Italy

12:30 -13:30 *Lunch*

- 13:40-14:10 „Statistical Analysis of Metabolomics data”  
Dr. Gerhard Krennrich, BASF SE, Germany
- 14:10-14:30 “Omics data integration in systems biology models”  
Prof. Frederic Y. Bois, INERIS/DRC/METO, France
- 14:30-14:50 “Software for Pathway Informed Metabolomics”  
Dr. Steve Fischer, Agilent Technologies, USA
- 14:50-15:10 “Metabolic flows in organotypic cultures with MS and GC-Quadropole”  
Prof. Elmar Heinzle, University of Saarbruecken, Germany
- 15:10-15:30 “Practical Metabolomics – Many Challenges, Some Solutions”  
Dr. Mark Seymour, Syngenta, UK:

15:30-15:50 *coffee break*

- 15:50-16:10 “NMR-based metabonomics and pharmacometabonomics applied to toxicology “  
Dr. Muireann Coen, Imperial College London, UK
- 16:10-16:30 "NMR-based metabolic profiling in preclinical models: experiences from the Consortium for Metabonomic Toxicology (COMET) project"  
Dr. Hector Keun, Imperial College London, UK
- 16:30-16:50 “Direct Examination of Metabolites in Ex-Vivo Human Skin and Reconstructed 3D Skin Models by Mass Spectrometry Imaging and Profiling”  
Prof. Malcolm Clench, Sheffield Hallam University, UK
- 16:50-17:10 “Stem Cell Based Assays and Metabolomics for Predictive Toxicology”  
Dr. Beth Donley, Stemina, USA
- 17:10 *Closing remarks*

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