

2nd Annual

CLINICALLY RELEVANT

DRUG TRANSPORTERS

Mechanistic modelling of transporter driven PK – Drug-drug interaction – Translation of transport data

12th – 14th April 2011 | Maritim pro Arte Berlin

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Hear international case studies from leading companies and institutes:

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- **Improve** your **drug development programmes** by applying effective **testing** and **modelling methodology** for drug transporter activity
- Learn how to conduct **in vitro-to-in vivo** and **preclinical-to-clinical translation** of transport data
- Discuss the impact of **regulatory authorities** and the ITC whitepaper on drug transporter strategies
- Benefit from recent studies from leading **pharmaceutical** and **academic scientists**
- Gain full understanding of the **role of drug transporters** in **toxicity**

HIGHLIGHTS



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Johnson & Johnson, Belgium

INTERACTIVE WORKSHOP DAY | Thursday, 14th April 2011

- A** Neurovascular Unit and Biochemical Barrier Function
- B** Modelling of Transporter Driven DDI
- C** Model-based drug development: Incorporating population variability into mechanistic prediction of PK and modelling of PK-PD
- D** Species differences in drug transport and drug metabolism - do we have good enough experimental models to work with?

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The conference will bring together pharmaceutical and academic scientists. Areas of discussion will include:

- Effective testing and **modelling** methodology
- **In vitro-to-in vivo** and **preclinical-to-clinical** translation of transport data
- Impact of **regulatory authorities** and the ITC whitepaper



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- Membrane transporters in drug development
- Polymorphisms in Human Organic Anion-transporting Polypeptide 1A2 (OATP1A2)
- Regulation of Multidrug Resistance Protein 1 by Tumor Necrosis Factor in Cultured Glial Cells: Involvement of Nuclear Factor-B and c-Jun N-Terminal Kinase Signaling Pathways



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