

## **MEMTRANS Workshop**

# **„Membrane transporters: In vitro models for the study of their role in drug fate“**

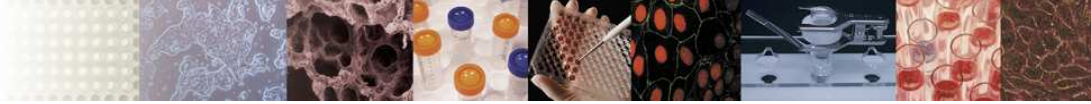
**17-18 September 2009**

**Saarbrücken, Germany**

**Workshop Venue: Hotel Domicil Leidinger, Saarbrücken**

### **Thursday, 17 September 2009**

12:00 – 16:00	Memtrans Project Meeting - Exclusively for Memtrans partners
16:30 – 17:00	Coordinators Welcome and Goals of the EU project Memtrans Prof Marival Bermejo-Sanz, Universidad de Valencia, Spain
17 :00 – 17:45	Gastrointestinal absorption: definition and prediction using different models. Assoc. Prof Anna-Lena Ungell, AstraZeneca, Sweden
19:00	Workshop Dinner

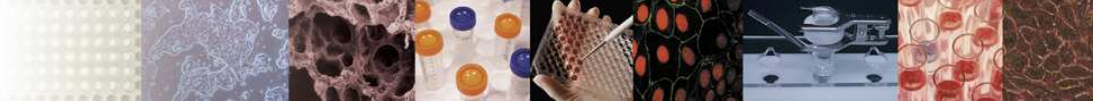


## Friday, 18 September 2009

### Session 1

**Chairperson: Assoc. Prof Anna-Lena Ungell, AstraZeneca, Sweden**

- 9:00 – 9:45                      The validation of in vitro methods  
Dr Maria Prieto-Pilar, ECVAM, Italy
- 9:45 – 10:30                    Gastrointestinal absorption models during formulation development -  
Supplementation of the in situ perfusion technology to cell experi-  
ments  
Prof Patrick Augustijns, Katholieke Universiteit Leuven, Belgium
- 10:30 – 11:00                    Coffee Break and Poster Viewing**
- 11:00 – 11:45                   Stable expression of specific transporters in MDCKII cells and charac-  
terization of the cell lines  
Dr Balazs Sarkadi, Hungarian Academy of Sciences, Hungary
- 11:45 – 12:30                   Transporter: Pharmacogenomics and Drug-Drug Interaction at in vitro  
models and in vivo prediction  
PD Dr Jörg König, Friedrich-Alexander-University Erlangen-Nuremberg,  
Germany
- 12:30 – 14:00                   Lunch and Poster Viewing**



## Session 2

**Chairperson: Dr Eleonore Haltner, Across Barriers GmbH, Germany**

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| 14:00 – 14:20 | Western blots analysis of cells<br>Marton Jani, Solvo, Hungary   |
| 14:20 – 14:40 | Analytics of in vitro samples in Memtrans - Cocktail approach<br>Nazende Günday, Across Barriers GmbH, Germany                             |
| 14:40 – 15:00 | In vitro quality control data and experimental set-up<br>Dr Udo Bock, Across Barriers GmbH, Germany  |
| 15:00 – 15:20 | Ionization-Specific Prediction of Passive Permeability of Drugs Across Caco-2 Monolayers.<br>Kiril Lanevskij, Pharma Algorithms, Lithuania |
| 15:20 – 16:05 | Transport of pgp substrates at Caco-2, MDCK-WT and MDCK-PGP cell monolayers.<br>Prof Marival Bermejo-Sanz, Universidad de Valencia, Spain  |
| 16:05 – 16:15 | Closing remarks<br>Prof Marival Bermejo-Sanz, Universidad de Valencia, Spain   |
| 16:15         | End of Workshop  |