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#### Day 1 (2019.09.02): Hepatocyte transporters

Moderator: Peter Meier-Abt, *Basel, Switzerland*

09:00-09:15	Welcome and presentation of speakers	Catherine Pastor <i>Geneva, Switzerland</i>
09:15-09:30	New insights into the sinusoidal transporters	Bruno Hagenbuch <i>Kansas City, US</i>
09:30-09:45	Interactions between canalicular and sinusoidal transporters	Dietrich Keppler <i>Heidelberg, Germany</i>
09:45-10:00	Characterization of hepatocyte subpopulations by global proteomics	Per Artursson <i>Uppsala, Sweden</i>
10:00-10:15	Regulation of human hepatic drug transporters by environmental chemicals	Olivier Fardel <i>Rennes, France</i>

#### 10:15-10:45 Coffee break

10:45-11:00	Kinase inhibitors as modulators of SLC transport function	Shuiying Hu <i>Columbus, US</i>
11:00-11:15	Imaging techniques to study drug transport function in vivo	Nicolas Tourmier <i>Orsay, France</i>
11:15-11:30	Hepatocyte concentrations induced by transporter activity in isolated and perfused rat livers	Catherine Pastor <i>Geneva, Switzerland</i>
11:30-11:45	Predicting intracellular hepatic concentrations of drugs using proteomic data and PET imaging	Jash Unadkat <i>Seattle, US</i>

#### 11:45-13:00 Lunch

#### Outdoor activities

#### 17:45-18:00 Coffee

18:00-18:15	Endogenous biomarkers for assessment of transporter drug interactions	Aleksandra Galetin <i>Manchester, UK</i>
18:15-18:30	Tracer kinetic modelling of dynamic Gadoxetate-enhanced MRI	Steven Sourbron <i>Leeds, United Kingdom</i>
18:30-18:45	Prediction of cholestatic hepatotoxicity: integration of transporter regulation and adaptive response	Kenneth Brouwer <i>BioIVT, Durham, US</i>
18:45-19:00	Comprehensive drug uptake transporter proteomics and metabolomic profiling of human liver	Anne Nies <i>Stuttgart, Germany</i>

#### 19:00 Drink and dinner

#### Day 2 (2019.09.03): Transporters and liver diseases

Moderator: Andreas Nüssler, *Tübingen, Germany*

09:00-09:15	Presentation of speakers	Catherine Pastor
09:15-09:30	Chronic viral hepatitis and hepatocyte transporters	Francesco Negro <i>Geneva, Switzerland</i>
09:30-09:45	Changes in activity of hepatocyte transporters in patients with renal impairment	Raymond Evers, <i>Merck</i> <i>New Jersey, US</i>
09:45-10:00	Hepatic transporters and liver disease	Kim Brouwer <i>Chapel Hill, US</i>

#### 10:00-10:30 Coffee break

10:30-10:45	MRI with Gd-EOB-DTPA in chronic liver disease	Bernard Van Beers <i>Clichy, France</i>
10:45-11:00	Gd-EOB-DTPA transport across hepatocyte membranes and transporter scores in chronic liver disease	Catherine Pastor <i>Geneva Switzerland</i>
11:00-11:15	Bile acid tracer to analyse enterohepatic circulation by PET	Kim Frisch <i>Aarhus, Denmark</i>
11:15-11:30	Conjugated bile acid tracer $^{11}\text{C}$ -CSar distribution in healthy humans and patients	Susanne Keiding <i>Aarhus, Denmark</i>

#### 11:45-13:00 Lunch

#### Outdoor activities

#### 17:45-18:00 Coffee

18:00-18:15	Sorafenib metabolism, transport, and enterohepatic recycling	Sharyn Baker <i>Columbus, US</i>
18:15-18:30	Strategies to reduce Solute Carrier-mediated toxicity	Alex Sparreboom <i>Columbus, US</i>
18:30-18:45	Multiple Mechanisms of ADME Phenoconversion in NASH	Nathan Cherrington <i>Tucson, US</i>
18:45-19:00	OATP2B1-mediated hepatic uptake of erlotinib assessed with PET imaging	Oliver Langer <i>Vienna, Austria</i>

#### 19:00 Drink and dinner

#### Day 3 (2019.09.04): Drug-induced liver toxicity

09:00-09:15	Presentation of speakers	Catherine Pastor
09:15-09:30	Drug-induced liver injury: role of transporters	Gerd Kullak-Ublick <i>Zürich, Switzerland</i>
09:30-09:45	Impact of intrahepatic drug concentrations on BSEP inhibition risk: in vitro analysis	Birk Poller, <i>Novartis</i> <i>Basel, Switzerland</i>
Moderators: <i>John Waterton, Manchester, UK</i>		
09:45-10:00	IMI-TRISTAN: liver imaging to quantify drug effects on hepatobiliary transport	Gerry Kenna, <i>Bioxydyn</i> , <i>Manchester, UK</i>
10:00-10:15	Preclinical Gd-EOB-DTPA MRI to detect the inhibition of hepatocyte transporters	Paul Hockings, <i>Antaros</i> <i>Mölnal, Sweden</i>
10:15-10:30	Clinical Gd-EOB-DTPA MRI to detect the inhibition of hepatocyte transporters	Sirisha Tadimalla, <i>Leeds</i> , <i>UK</i>

#### 10:30-11:00 Coffee break

#### Presentations by junior researchers

11:00-11:15	Translational PET to quantify ABCB1 and ABCG2 transport activity in the liver	Irene Hernández Lozano <i>Vienna, Austria</i>
11:15-11:30	Strategies to improve imaging methods for the study of SLCO-transport function in vivo	Solène Marie <i>Saclay, France</i>
11:30-11:45	Altered coproporphyrin concentrations and hepatic transporters in a rodent model of Polycystic Kidney Disease	Jacqueline Bezençon <i>Chapel Hill, US</i>

#### 11:45-13:00 Lunch

13:00-14:00	Discussion and conclusion
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