

CAAT Academy

"Updates on the Hepatotoxicity AOP Landscape & on the ADMET Field - Season 2"

2 days 22-23/06/2017

Biopredic International, Rennes, France

Thursday, June 22nd, 2017			
08:30-09:00 <i>Coffee, registration, welcome</i>			
09:00-09:45	Lecture (Keynote) Webinar	Development and validation of an AOP from bile salt export pump inhibition to cholestasis	Mathieu Vinken (Vrije Universiteit Brussel)
09:45-10:30	Lecture Webinar	HepaRG hep+ and biological tracers for a new in vitro micronucleus assay	Gladys Mirey (INRA)
10:30-11:15	Lecture Webinar	HepatoPearl 3D cellular model and their application in High throughput DDI screening	Noushin Dianat (ESPCI)
11:15-11:30 <i>Coffee</i>			
11:30-12:15	Lecture Webinar	HepaRG Knock Out Cell Models for ADME/Tox Applications	Devon Anderson (MilliporeSigma)
12:15-13:00	Lecture Webinar	An integrated in vitro - in silico system to predict liver toxicity of compounds.	Dr Kas Subramnian (Syngene International)
13:00-14:00 <i>Lunch</i>			
14:00-15:30	HOT	HepatoPearl: a novel easy-to-use 3D micro-liver model for everyday experiments : manipulation, viability staining	Noushin Dianat (ESPCI)
15:30-16:30	HOT	New tools and models based on different hepatic cells	Valery Shevchenko (Biopredic International)
16:30 -17:00 <i>Coffee</i>			
17:00-18:00	HOT	Direct and quantitative evaluation of the human CYP450 contribution (fm) to drug clearance using a novel in vitro SILENSOMES™ model	Françoise Brée and Ashwani Sharma (Eurosafé)
19:00 <i>Social dinner</i>			
Friday, June 23rd, 2017			
08:00-08:30 <i>Coffee</i>			
08:30-10:00	HOT	HepaRG hep+ and biological tracers for a new in vitro micronucleus assay	Gladys Mirey (INRA)
10:00-10:15 <i>Coffee</i>			
10:15-12:15	HOT	Novel format of Comet Assay for genotoxicity assessment in metabolically competent HepaRG cells	Sergey Shaposhnikov (NorGenoTech AS)
12:15-13:15 <i>Lunch</i>			
13:15-15:15	HOT	HepatoPearl: a novel easy-to-use 3D micro-liver model for everyday experiments : ATP/CYP3A4-Glo assays	Noushin Dianat (ESPCI)
15:15-15:30 <i>Coffee</i>			
15:30-17:00	HOT	New patented cholestasis assays based on Bas and paracellular fluorescent probes developed at Biopredic International	Christiane Guillouzo and Marie-Michèle Trancard (Biopredic International)
17:30 <i>Closing</i>			

HOT: Hands-on Training