

# 10<sup>th</sup> European Functional Drug Screening Symposium



## FDSS Users Meeting – June 12<sup>th</sup>, 2014 at Actelion Pharmaceuticals Ltd, in Allschwil, Switzerland

08:30	Registration opens	
09:10	Welcome greetings – ACTELION Welcome greetings – Hamamatsu Photonics	
09:20	Introduction-Chairman – Xavier Leroy, ACTELION Pharmaceuticals Ltd and Rochdi Bouhelal, Novartis	
<b>1<sup>st</sup> Session New Technologies for Drug Discovery</b>		
09:30	Hamamatsu Photonics solutions for Drug Discovery Emmanuel Pirson, Hamamatsu Photonics Belgium	
09:45	New options on FDSS series Hamamatsu Japan	
<b>2<sup>nd</sup> Session HTS Platform</b>		
10:00	Integration of FDSS7000 into a modular robotic system for Open Innovation drug discovery José Manuel Brea & María Isabel Loza, BioFarma, Santiago de Compostela	
10:30	Coffee break	
10:45	Integration of two FDSS7000 in an automated platform Laurent Tenaillon, Novartis Pharma AG, Basel	
<b>3<sup>rd</sup> Session Cell based Assays</b>		
11:15	Safety pharmacology with cardiomyocytes derived from induced human pluripotent stem cells Romain Sube, Actelion Pharmaceuticals Ltd, Allschwil	
11:45	HTS Ca <sup>2+</sup> transients in human iPS derived cardiomyocytes a predictive and cost effective assay early on in DD Ralf Kettenhofen, Axiogenesis AG, Cologne	
12:15	Buffet/Poster session	
14:00	Drug discovery using human pluripotent stem cells-derived neurons Dr Alexandra Benchoua, CECS/Istem	
<b>4<sup>th</sup> Session Novel Screening Methodologies</b>		
14:30	Fluorescent & luminescent enzyme assays using the FDSS7000 platform Magalie Mathis & Rochdi Bouhelal, Novartis Pharma AG, Basel	
15:00	Detection in real time of GPCR activation: from in vitro to in-vivo Dr Xavier Leroy, Actelion Pharmaceuticals Ltd, Allschwil	
15:30	Coffee break/Poster session	
16:30	An innovative assay based on Bioluminescent Resonance Energy Transfer (BRET) for real- time monitoring of cell surface receptor internalization and its intracellular trafficking Frédéric Finana, Pierre FABRE Research Institute, Castres	
17:00	Importance of calcium assay parameters in drug discovery Dr Thierry Calmels, Bioprojet Biotech, Rennes	
<b>5<sup>th</sup> Session Ion Channel Assays</b>		
17:30	External versus intra-luminal calcium in cancer development Dr Thierry Capiod, INEM, Inserm, Université Paris-Descartes	
18:00	To be confirmed	
18:15	End	
19:00	Social Dinner	

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