

8th European FDSS Users Meeting

June 14th, 2012 at SANOFI, Paris, France



10:00	Registration opens	
10:40	Welcome – Owe Orwar, Head, SANOFI-Exploratory Unit Welcome – Jean-Charles Lefort, General Sales Manager France, Hamamatsu Photonics	
10:50	Introduction-Chairman Oliver Chao, Head, Emerging Biomedical Sciences, SANOFI-Exploratory Unit Michel Partiseti, Head of the ion channel expertise center, SANOFI R&D, LGCR department	
1st session New technologies for Drug Discovery		
11:00	Hamamatsu Photonics solutions for Drug Discovery. Quynh-Nhu Trinh-Xuan Kramer, Hamamatsu Photonics, Massy	
11:15	New developments and applications. Christelle Catone, Hamamatsu Photonics, Massy	
11:30	HCS strategy for drug discovery in type I myotonic dystrophy using human embryonic stem cells derived MSC. Yves Maury, I-STEM, Evry	
12:00	Buffet	
2nd session Cell based assays		
Opening notes from Chairmen		
13:30	A microplate-based assay for monitoring synchronized Ca ²⁺ oscillations in primary cultures of rodent neurons. Olivier Curet, SANOFI, Chilly Mazarin	
14:00	New tools for drug discovery: Multiplexed monitoring of Ca ²⁺ and cAMP signaling with primary sensors. Bodo Ortmann/Silke Valentin, Lonza Cologne GmbH	
14:30	Identification of small molecule modulators of reactive oxygen release in TNF- α primed primary human neutrophils. Hanna Axelsson, Karolinska Institutet, Stockholm	
15:00	Human IPS cardiomyocytes pharmacology and microplate assays. Romain Sube, Actelion Pharmaceuticals Ltd, Basel	
15:30	Coffee break	
16:30	Functional characterization of ion channels in human IPSC-derived neurons. Bruno Biton, SANOFI, Chilly Mazarin	
3rd session Novel screening methodologies for GPCRs		
17:00	Implementation of a dual agonist & antagonist Ca ²⁺ assay on the FDSS7000 in the 1536-w format. Laurent Tenaillon, Novartis Pharma AG, Basel	
17:30	Principles of the BRET technology and its applications. Dr. Ralf Jockers, Institut Cochin, Paris	
18:00	Open discussion with Hamamatsu Photonics	
19:00	Departure by Bus from SANOFI to Paris	
20:00	Social dinner	

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