

Scientific Programme

Wednesday July 6, 2016

08:00 Registration & Welcome Coffee

09:00 RICT 2016 Opening

Prof. Patrick DALLEMAGNE (UNIVERSITY OF CAEN, Caen, France)
Dr Luc VAN HIJFTE (SCT & NOVALIX, Nijmegen, The Netherlands)
Prof. Pierre DENISE (UNIVERSITY OF CAEN, Caen, France)

Session 1: Paul Ehrlich Award Lecture
Sponsored by Janssen Research & Development

Session Chairs

Mrs Magali MOTTE (JANSSEN R&D, Val de Reuil, France)
Dr Luc VAN HIJFTE (SCT & NOVALIX, Nijmegen, The Netherlands)

09:30 Paul Ehrlich Prize Lecture
Trip in Drug Discovery (PL01)

Prof. Jean-Daniel BRION
(UNIVERSITÉ PARIS-SUD, Chatenay-Malabry, France)

10:30 Coffee break & Exhibition

Session 2: Target Identification

Session Chair

Mr Jean-Damien CHARRIER
(VERTEX PHARMACEUTICALS, OXON, United Kingdom)

11:00 Human Proteomes – from Basic Biology to Understanding Drug Action (PL02)

Prof. Bernhard KÜSTER
(TECHNICAL UNIVERSITY MUNICH, Munich, Germany)

11:45 Target Deconvolution Efforts Around Wnt Pathway Screen Reveal Parallel Mechanisms of Action for 1,2,3-Thiadiazole-5-Carboxamide Series (PL03)

Dr Andrew ZHANG
(ASTRAZENECA, Waltham, United States)

12:30 Lunch break & Exhibition

13:30 Poster Session 1

Session 3: Chemical Biology

Session Chair

Dr Gordon TANG
(ROCHE R&D CENTER (CHINA) LTD, Shanghai, China)

15:00 Protein Modification: from Chemical Biology to Drug Discovery (PL04)

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Prof. Edward TATE
(IMPERIAL COLLEGE LONDON, London, United Kingdom)

15:45 A Role of SIRT2 in Cellular Response to Environmental Signals (PL05)

Dr Minoru YOSHIDA
(RIKEN ADVANCED SCIENCE INSTITUTE (ASI), Saitama, Japan)

16:30 Coffee break & Exhibition

Session 4: Inflammation and Nociception

Session Chair

Dr Henning STEINHAGEN
(APTUIT, Verona, Italy)

17:00 The Discovery and Optimization of Benzimidzoles as Selective NAV1.8 Blockers for the Treatment of Pain (PL06)

Dr Alan BROWN
(STRATIFIED MEDICAL, Deal, United Kingdom)

17:45 Optimization and Exploration of Bradykinin 1 Receptor Antagonists for Inflammation (PL07)

Dr Sven KÜHNERT
(GRUENENTHAL GMBH, Aachen, Germany)

18:30 Welcome Reception

20:30 End of Day 1

Thursday July 7, 2016

Session 5: Macrocycles

Session Chair

Dr Alexis DENIS
(GSK, Courtaboeuf, France)

08:30 Nanocyclix: a Chemical Biology Approach for Next Generation Kinase Inhibitors (PL08)

Dr Jan HOFLACK
(ONCODESIGN, Dijon, France)

**Session Session 6: Case Study
Sponsored by Elsevier**

Session Chair

Dr Alexis DENIS
(GSK, Courtaboeuf, France)

09:15 Discovery of GLPG1690: a First-in-Class Autotaxin Inhibitor in Clinical Development for the Treatment of Idiopathic Pulmonary Fibrosis (KL01)

Dr Nicolas DESROY
(GALAPAGOS, Romainville, France)

09:45 Original Serotonergic Multi-Target Directed Ligands against Alzheimer's Disease (KL02)

Dr Sylvie CLAEYSEN
(INSTITUT DE GÉNOMIQUE FONCTIONNELLE / CNRS / INSERM, Montpellier , France)

**Session Session 7: Kinases
Sponsored by Elsevier**

Session Chair

Prof. Anne Sophie VOISIN-CHIRET
(UNIVERSITY OF CAEN, Caen, France)

09:15 Development of Potent Inhibitors of the DNA-Dependent Protein Kinase (DNA-PK) (KL03)

Dr Céline CANO
(NEWCASTLE CANCER CENTRE, Newcastle upon Tyne, United Kingdom)

09:45 Structure Guided Drug Discovery: Merits and Pitfalls Through the Example of Two Kinase Projects (KL04)

Dr Andras KOTSCHY
(SERVIER RESEARCH INSTITUTE OF MEDICINAL CHEMISTRY, Budapest, Hungary)

10:15 Coffee break & Exhibition

Session 8: CNS Targets

Session Chair

Prof. Christophe ROCHAIS
(UNIVERSITY OF CAEN, Caen, France)

10:45 MT5-MMP, a New Potential Therapeutic Target in Alzheimer's Disease (PL09)

Dr Santiago RIVERA
(CNRS / AIX-MARSEILLE UNIVERSITY, Marseille, France)

11:30 Discovery of Selective Dopaminergic D3 Receptor Antagonists with Potent 5HT6 Affinity (PL10)

Dr Jean-Claude ORTUNO
(INSTITUT DE RECHERCHES SERVIER, SURESNES, France)

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12:15 Lunch break & Exhibition

13:15 Poster Session 2

13:45 Career Session

Session Session 9: Fragment Based Drug Design Sponsored by Elsevier

Session Chair

Dr Laure HABERKORN
(INSTITUT DE RECHERCHES SERVIER, Suresnes, France)

14:45 NMR for Chemical Biology and Drug Discovery (KL05)

Dr Isabelle KRIMM
(CNRS / UNIVERSITY OF LYON 1, Lyon, France)

15:15 Fragment-Based Design of ITK Inhibitors (KL06)

Dr Steven DURRANT
(VERTEX PHARMACEUTICALS (EUROPE) LTD, Abingdon, United Kingdom)

Session Session 10: Breakthrough in Therapeutics Sponsored by Elsevier

Session Chair

Dr Olivier BARBERAN
(ELSEVIER PHARMA AND BIOTECH GROUP, Frankfurt, Germany)

14:45 Inhibiting Chromatin Assembly by Targeting Histone Chaperones (KL07)

Dr Françoise OCHSENBEIN
(CEA SACLAY, Gif-sur-Yvette, France)

15:15 E.coli Anti-Adhesives, Potential Therapeutics for Crohn's Disease? (KL08)

Dr Sébastien GOUIN
(UNIVERSITY OF NANTES, Nantes, France)

Session Session 11: Mechanism Based Approaches

Session Chair

Dr Francine ACHER
(CNRS - UNIVERSITY PARIS DESCARTES, Paris, France)

15:45 Protein Total Synthesis and the Challenge of Understanding MET Tyrosine Kinase Receptor Activation (PL11)

Dr Oleg MELNYK
(CNRS / UNIVERSITY OF LILLE / PASTEUR INSTITUTE OF LILLE, Lille, France)

Session Session 10 (cont'd): Breakthrough in Therapeutics Sponsored by Elsevier

Session Chair

Dr Olivier BARBERAN
(ELSEVIER PHARMA AND BIOTECH GROUP, Frankfurt, Germany)

15:45 Development of Novel Antiangiogenic Agents for the Treatment of Retinal Neovascularization via Integration of Chemistry and Biology (PL12)

Prof. Young-Ger SUH
(SEOUL NATIONAL UNIVERSITY, Pocheon-si, Korea, South)

16:30 Coffee break & Exhibition

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Session Session 12: Structure Based Drug Design **Sponsored by IPSEN**

Session Chair

Dr Olivier LAVERGNE
(, Palaiseau, France)

17:00 Design of Chemical Probes Acting on Emerging Targets Assisted by Online Computational Tools (PL13)

Dr Bruno VILLOUTREIX
(INSERM/UNIVERSITY PARIS DIDEROT, Paris, France)

17:45 Advances in Structure Based Drug Discovery of Membrane Protein Targets (PL14)

Dr Michael HENNIG
(LEADXPPO, Villigen, Switzerland)

Session Session 13: CNS Disorders mGluR

Session Chair

Dr Pascal GEORGE
(SCT & INDEPENDENT SCIENTIFIC EXPERT & ADVISER, Longvilliers, France)

17:00 Innovative Approaches to Control Metabotropic Glutamate Receptor Activity in the Brain (PL15)

Dr Jean-Philippe PIN
(CNRS-UNIVERSITY OF MONTPELLIER, Montpellier, France)

17:45 The Design of mGluR Modulators for CNS Disorders (PL16)

Dr Michiel VAN GOOL
(JANSSEN R&D, Toledo, Spain)

18:30 End of Day 2

20:00 Symposium Banquet

Friday July 8, 2016

Session Session 14: Imaging

Session Chair

Prof. Ronan BUREAU
(UNIVERSITY OF CAEN, Caen, France)

08:30 Molecular Imaging Agents Based on Lanthanide Complexes (PL17)

Dr Eva JAKAB-TOTH
(CNRS, Orléans, France)

09:15 Novel Fluorogenic Probes for In Vivo Imaging of Tiny Tumors and Super-Resolution Imaging in Living Cells (PL18)

Prof. Yasuteru URANO
(THE UNIVERSITY OF TOKYO, Tokyo, Japan)

Session Session 15: Molecular Diversity and Drug Efficiency Sponsored by Galapagos

Session Chair

Dr Pierre DEPREZ
(GALAPAGOS, Romainville, France)

08:30 The Realisation of Activity-Directed Synthesis (PL19)

Prof. Adam NELSON
(UNIVERSITY OF LEEDS, Leeds, United Kingdom)

09:15 Towards an Understanding of Cellular Drug Efficiency as a Way to Control Molecular Obesity (PL20)

10:00 Coffee break & Exhibition

Session 16: Case Study - Cancer Sponsored by Idenix, an MSD Company

Session Chair

Dr Christophe PARSY
(IDENIX SARL, AN MSD COMPANY, MONTPELLIER, France)

10:30 Conquering the p53-MDM2 Protein-Protein Interaction Target at Novartis (PL21)

Dr Pascal FURET
(NOVARTIS, Basel, Switzerland)

11:15 Discovery of the Type II Kinase Inhibitor LY3009120; a Pan-RAF Inhibitor Showing Minimal Paradoxical Activation and Anti-Cancer Activity Against BRAF or RAS Mutant Tumor Cells (PL22)

Dr James R. HENRY
(ELI LILLY & CO., Indianapolis, United States)

Session 17: Pierre Fabre Award Lecture

Session Chair

Dr Frédéric MARION
(INSTITUT DE RECHERCHE PIERRE FABRE, Toulouse, France)

**12:00 Pierre Fabre Award for Therapeutic Innovation
A Scien-treprenuer Journey From Digital to In-vivo Organic Chemistry (PL23)**

Dr Alain WAGNER
(CNRS/UNIVERSITY OF STRASBOURG, Illkirch, France)

Session 18: RICT 2016 Prizes, Future Event & Closing Remarks

13:00 RICT 2016 Closing remarks & Prizes

Prof. Janos SAPI
(SCT & UNIVERSITY OF REIMS-CHAMPAGNE-ARDENNE, Reims, France)

13:15 Introduction to RICT 2017

Dr Michel BALTAS
(CNRS, UNIVERSITY OF TOULOUSE, Toulouse, France)

13:30 End of Day 3 & Lunch box