

Wednesday July 5, 2017

Registration & Welcome Coffee

RICT 2017 Opening

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

Armand LATTES (UNIVERSITE PAUL SABATIER, Toulouse, France)

Alexis VALENTIN (UNIVERSITÉ PAUL SABATIER, Toulouse, France)

Luc VAN HIJFTE (SCT & NOVITHERA, Nijmegen, The Netherlands)

Session 1: Paul Ehrlich Award Lecture

Sponsored by Janssen Research & Development

Session Chairs

Jean-François BONFANTI (JANSSEN R&D, Val de Reuil, France)

Luc VAN HIJFTE (SCT & NOVITHERA, Nijmegen, The Netherlands)

PL01 - Sugars & Proteins: Glycomimetics to Target Infectious Disease

Benjamin DAVIS

(OXFORD UNIVERSITY, Oxford, United Kingdom)

Coffee break & Exhibition

Session 2: Peptides & Sugars in Drug Discovery

Session Chair

Olivier LAVERGNE

(, Palaiseau, France)

PL02 - Peptide Drugs to Target GPCR- State of the Art and Innovative Application

Annette BECK-SICKINGER

(LEIPZIG UNIVERSITY, Leipzig, Germany)

Lunch break & Exhibition

Poster Session 1 (odd numbers) & Exhibition

Session 3: Recent Advances in Immuno-oncology

Sponsored by Evotec

Session Chair

Gilbert LASSALLE

(EVOTEC, Toulouse, France)

PL03 - Small Molecule Approaches in Immune Modulation in Cancer.

Ronan O'HAGAN

(MERCK, SHARP & DOHME, Boston, United States)

PL04 - Immunotherapy of Cancers: The Lessons of Oncodermatology; Melanoma as a Model

Programme

Nicolas MEYER
(ONCOPOLE TOULOUSE, Toulouse, France)

Coffee break & Exhibition

PL05 - Novel Small Molecule MerTK Inhibitors and their Biological Uses

Xiaodong WANG
(UNIVERSITY OF NORTH CAROLINA, Chapel Hill, United States)

PL06 - Discovery of PF-06840003, a Novel IDO Inhibitor for Cancer Immunotherapy

Stefano CROSIGNANI
(ITEOS THERAPEUTICS SA, Gosselies, Belgium)

Welcome & Networking Reception

End of Day 1

Thursday July 6, 2017

Session 4: Inspired by Nature

Session Chair

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

PL07 - De Novo Drug Design — Inspiration from Nature

Gisbert SCHNEIDER
(ETH ZÜRICH, Zürich, Switzerland)

Session Session 4: Inspired by Nature

Session Chair

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

09:15 KL01 - New Modalities inspired by nature: from Genetic Encoding of Cyclic Peptides to Hybrid Macrocycles

Eric VALEUR
(ASTRAZENECA, IMED BIOTECH UNIT, Cambridge, United States)

09:45 KL03 - Post-functionalization of RNAs for Specific Conjugations with Peptides and Proteins

Mélanie ETHEVE-QUELQUEJEU
(UNIVERSITY PARIS DESCARTES, Paris, France)

Session Session 5: Advances in Kinase Inhibitors Discovery

Session Chair

Jean-Yves ORTHOLAND
(EDELIRIS, Lyon, France)

09:15 KL02 - Mnk1/2 Kinase Inhibitors for the Treatment of Leukemia

Kassoum NACRO
(EXPERIMENTAL THERAPEUTICS CENTER, Singapore, Singapore)

09:45 KL04 - Discovery of CDK8/CDK19 Kinase Modulators and Evaluation of their Therapeutic Potential

Aurelie MALLINGER
(INSTITUTE OF CANCER RESEARCH, London, United Kingdom)

Coffee break & Exhibition

Session Session 6: Accessing Novel Chemical Space

Session Chair

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

10:45 PL08 - Expanding Screening Decks by Innovative MCR Scaffolds

Alexander DÖMLING
(UNIVERSITY OF GRONINGEN, Groningen, The Netherlands)

11:30 PL10 - Chemoselective and Biocompatible Reactions, New Tools for Heterocyclic Chemistry and Chemical Biology

Frédéric TARAN
(CEA/SACLAY, Gif-sur-Yvette, France)

Session Session 7: Structure Based Design

Session Chair

Jean-Paul RENAUD
(RIBOSTRUCT, Ostwald, France)

10:45 PL09 - First-in-class Extracellular Modulators of Receptor Tyrosine Kinases: from Theory to Practice

Programme

Didier ROGNAN
(CNRS/UNIVERSITY OF STRASBOURG, Illkirch, France)

11:30 PL11 - Structure-based Drug Design (SBDD) in Medicinal Chemistry-enabled Drug Discovery

Hong SHEN
(ROCHE INNOVATION CENTER, Shanghai, China)

Lunch break & Exhibition

Poster Session 2 (even numbers) & Exhibition

Career Session

Session Session 8: New Tools for Therapeutic Innovation

Session Chair

YVES GENISSON
(UNIVERSITE PAUL SABATIER - LSPCMIB, Toulouse, France)

14:30 KL05 - Copper and Zinc as Therapeutic Players in Alzheimer's Disease: With a little Help from Coordination Chemistry.

Christelle HUREAU
(LCC CNRS, Toulouse, France)

15:00 KL07 - Nanometric Micelles for *in vivo* Imaging and Drug Delivery

Eric DORIS
(CEA, Gif-sur-Yvette, France)

Session Session 9: Advances in Proteases Inhibitor Discovery

Session Chair

Patrick JIMONET
(SANOFI, Vitry sur Seine, France)

14:30 KL06 - Discovery of Novel TACE Inhibitors for Topical Treatment of Psoriasis

Gilles OUVRY
(GALDERMA R&D, Sophia Antipolis, France)

15:00 KL08 - Mining from NP-Like Fragments in 3D: Discovery of a Potent Caspase-1 Inhibitor

Vincent RODESCHINI
(EDELIRIS, LYON, France)

Session Session 10: Rare Diseases

Session Chair

YVES GENISSON
(UNIVERSITE PAUL SABATIER - LSPCMIB, Toulouse, France)

15:30 PL12 - Partnering Early to Better Serve Patients Suffering from Rare and Devastating Diseases

Jean-Philippe ANNEREAU
(ALEXION, Paris, France)

Session Session 11: Neglected Diseases

Session Chair

Patrick JIMONET
(SANOFI, Vitry sur Seine, France)

15:30 PL13 - Allosteric Inhibitors of Dengue and Zika Virus NS3/NS2B Proteases

Tanja SCHIRMEISTER
(UNIVERSITY OF MAINZ, Mainz, Germany)

Coffee break & Exhibition

Programme

Session Session 12: Synthetic Biology

Session Chair

Sebastien PAPOT
(UNIVERSITY OF POITIERS, Poitiers, France)

16:45 PL14 - Xeno Nucleic Acids (XNA) *in vivo* : A New Medicinal Chemistry Approach?

Piet HERDEWIJN
(KU LEUVEN, Leuven, Belgium)

17:30 PL16 - Bioactive Ribosomal and Non-Ribosomal Peptides from Nature - Structures, Biosynthesis and Engineering Options

Roderich D. SÜSSMUTH
(TECHNICAL UNIVERSITY BERLIN, Berlin, Germany)

Session Session 13: Tackling PPIs

Session Chair

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

16:45 PL15 - Monitoring the Antagonist-Protein and Protein-Protein Interactions with NMR and X-ray: Inhibitors of the p53-Mdm2 and Immune Checkpoint PD-1/PD-L1 Interactions

Tad HOLAK
(MAX PLANCK INSTITUTE OF BIOCHEMISTRY, Krakow, Poland)

17:30 PL17 - Engineering Alfabodies to Generate Potent Druggable Inhibitors of Intracellular Protein-Protein Interactions

Ignace LASTERS
(COMPLIX, Zwijnaarde, Belgium)

End of Day 2

Cocktail at the City Hall

Gala Dinner

Friday July 7, 2017

Session 14: Advances in Kinase Inhibitors Discovery & Development Sponsored by Galapagos

Session Chair

Romain GOSMINI
(NOVALIX, Illkirch-Graffenstaden, France)

PL18 - Development of Dual IGF1R/INSR Inhibitors - A Case Study

Heather TYE
(EVOTEC LTD, Abingdon, United Kingdom)

PL19 - Identifying High Quality, Potent and Selective Inhibitors of ATM Kinase for Oncology Therapies: Discovery of AZD0156

Bernard BARLAAM
(ASTRAZENECA, Cambridge, United Kingdom)

Coffee break & Exhibition

PL20 - Raising the Gold Standard: Design & Development of Highly Selective JAK3 Probes (Janus Kinase 3)

Stefan LAUFER
(UNIVERSITY OF TÜBINGEN, Tübingen, Germany)

PL21 - Leniolisib (CDZ173) - Discovery of a New Generation of Potent and Selective PI3K? Inhibitor for the Treatment of Autoimmune and Inflammatory Diseases

Nicolas SOLDERMANN
(NOVARTIS, Basel, Switzerland)

Session 15: Pierre Fabre Award Lecture Sponsored by Institut de Recherche Pierre Fabre

Session Chair

Michel PEREZ
(PIERRE FABRE, Toulouse, France)

PL22 - Creating, Varying and Selecting : The Driving Forces in Drug Discovery and Chemical Biology Pierre Fabre Award lecture

Benoit DEPREZ
(INSTITUT PASTEUR OF LILLE, Lille, France)

RICT 2017 Closing remarks & Prizes (Reaxys Award, Poster Prizes)

Sebastien PAPOT
(UNIVERSITY OF POITIERS, Poitiers, France)

Introduction to RICT 2018

Dominique BONNET
(CNRS-UNIVERSITY OF STRASBOURG, Illkirch, France)

End of symposium

Optional visit of the Airbus Facilities