

Sunday May 5, 2013

Registration

Pre-symposium Excursions (optional, and subject to registration)

Welcome Reception

Monday May 6, 2013

Opening Ceremony

Session Chair

Prof. Peter H. SEEBERGER
(MAX PLANCK INSTITUTE OF COLLOIDS AND INTERFACES, Berlin, Germany)

Targeting Protein Surfaces Using Designed Proteomimetics

Prof. Andrew HAMILTON
(UNIVERSITY OF OXFORD, Oxford, United Kingdom)

Design and Optimization of Pyrazinecarboxamide-Based Inhibitors of Diacylglycerol Acyltransferase 1 (DGAT1) Leading to the Clinical Candidate AZD7687

Dr Petra JOHANNESSON
(ASTRAZENECA, Mölndal, Sweden)

New Inhibitors of the Enzyme Isoprenylcysteine Carboxyl Methyltransferase (ICMT)

Prof. Maria del Mar MARTIN-FONTECHA
(COMPLUTENSE UNIVERSITY OF MADRID, Madrid, Spain)

Coffee break and Exhibition

Oligonucleotide Synthesis Interfaced with Molecular Biology and Nanotechnology

Prof. Marvin CARUTHERS
(UNIVERSITY OF COLORADO, Boulder, United States)

BETting on Epigenetic Targets : From Phenotypic Discovery to First Time in Man

Dr Chun-wa CHUNG
(GLAXOSMITHKLINE, Stevenage, United Kingdom)

Virtual Screening and Design of New Pharmaceutical Agents Using PASS Approach

Prof. Vladimir POROIKOV
(INSTITUTE OF BIOMEDICAL CHEMISTRY, Moscow, Russia)

Lunch and Exhibition

Session Chair

Dr Laurent PROVINS
(UCB, Braine-l'Alleud, Belgium)

Synthetic Organic Photochemistry in Batch and Flow

Prof. Kevin BOOKER-MILBURN
(UNIVERSITY OF BRISTOL, Bristol, United Kingdom)

The Discovery of the Macrocyclic HCV NS3/4A Protease Inhibitor MK-5172

Dr Michael ROWLEY
(MERCK RESEARCH LABORATORIES, Kriens, Switzerland)

Novel Synthetic Chemical Chaperones as a New Basis For Amyotrophic Lateral Sclerosis (ALS) Treatment

Prof. Arie-Lev GRUZMAN
(BAR ILAN UNIVERSITY, Ramat Gan, Israel)

Scientific Program

Discovery of Highly Potent S1P1 Receptor Antagonists with *in vivo* Efficacy

Dr Jean QUANCARD
(NOVARTIS, Basel, Switzerland)

Coffee break and Exhibition

A New Approach to Tuberculosis Research: The Lilly TB Drug Discovery Initiative

Dr Philip A. HIPSKIND
(ELI LILLY & COMPANY, Indianapolis, United States)

Making Molecular Prosthetics via Iterative Cross-Coupling with MIDA Boronates

Prof. Martin D. BURKE
(UNIVERSITY OF ILLINOIS, Urbana, United States)

Closing of the day

Moscow by Night Tour (free of charge, but subject to registration)

Tuesday May 7, 2013

Session Chair

Prof. Hans Ulrich STILZ
(NOVO NORDISK, Cambridge, United States)

Versatile Synthetic Methods: Access to Bioactive Molecules

Prof. Janine COSSY
(ESPCI PARISTECH, Paris, France)

**EFMC Prize for a Young Medicinal Chemist in Academia
Chemical Approaches to Biology and Therapeutics**

Prof. Gonalo BERNARDES
(INSTITUTO DE MEDICINA MOLECULAR, PORTUGAL & UNIVERSITY OF CAMBRIDGE, Cambridge, United Kingdom)

**EFMC Prize for a Young Medicinal Chemist in Industry
Free-Wilson and Structural Approaches to Co-Optimising Human and Rodent Isoform Potency for
11?-Hydroxysteroid Dehydrogenase Type 1 (11?-HSD1) Inhibitors**

Dr Frederick W. GOLDBERG
(ASTRAZENECA, Macclesfield, United Kingdom)

Rapid Kinase SAR Generation: an Integrated Approach to Synthesis, Screening and Molecular Design

Dr David PARRY
(CYCLOFLUIDIC LTD, United Kingdom)

Coffee break and Exhibition

Highly Anti-inflammatory Dendritic Polyglycerol Sulfates - a Multiple Target Approach

Prof. Rainer HAAG
(FREE UNIVERSITY BERLIN, Berlin, Germany)

Peptide Chemologics

Dr Lee ROBERTS
(PFIZER, Sandwich, United Kingdom)

Discovery of Thienimidazole-Based HCV NS5A Genotype 1a and 1b Inhibitors

Dr Graeme SMITH
(VERTEX PHARMACEUTICALS, Cambridge, United States)

Lunch and Exhibition

Poster Session 1

Session Chair

Dr Edmond DIFFERDING
(DIFFERDING CONSULTING, Louvain-la-Neuve, Belgium)

Organic Molecules as Biological Probes...an exciting journey

Prof. Cristina NEVADO
(UNIVERSITY OF ZURICH, Zurich, Switzerland)

Discovery and Initial Clinical Results of [¹⁸F]-UCB-H, First PET Radiotracer Targeting Synaptic Vesicle 2A

Scientific Program

Dr Anne VALADE
(UCB, Braine-l'Alleud, Belgium)

Self-Immolative Spacers in Prodrug/Profluorophore Strategies: Determination of Kinetic Parameters for Release of Single or Multiple Substrates.

Dr Frédéric SCHMIDT
(INSTITUT CURIE, Paris, France)

Synthetic Approach to Novel Melatonin Receptor Ligands

Mrs Maria VOLKOVA
(MOSCOW STATE UNIVERSITY, CHEMISTRY DEPARTMENT, Moscow, Russia)

Coffee break and Exhibition

The Design and Characterization of Targeted Covalent Inhibitors of Btk

Dr Eric SCHWARTZ
(CELGENE AVILOMICS RESEARCH, Cambridge, United States)

P2X Receptors: ATP-Gated Ion Channels as Novel Drug Targets

Prof. Christa MÜLLER
(UNIVERSITY OF BONN, Bonn, Germany)

Closing of the day

Wednesday May 8, 2013

Session Chair

Dr Rosa Maria RODRIGUEZ SARMIENTO
(F. HOFFMANN-LA ROCHE, Basel, Switzerland)

Harnessing Synergy Between Natural Products and Synthesis Towards Drug Discovery

Prof. Goverdhan MEHTA
(UNIVERSITY OF HYDERABAD, Hyderabad, India)

Advances in Targeting Voltage-Gated Sodium Channels with Small Molecules

Dr Antonio NARDI
(GRÜNENTHAL, Aachen, Germany)

Design, Synthesis and Application Of Fluorinated Amino Acids as Labels to Study the Membrane Active Peptides by Solid State ¹⁹F NMR

Dr Pavel MYKHAILIUK
(ENAMINE LTD, Kyiv, Ukraine)

Coffee break and Exhibition

Engineering of Small Non-Antibody Protein Scaffolds as Novel Biopharmaceuticals: from Anticalins to PASylation

Prof. Arne SKERRA
(TECHNICAL UNIVERSITY MUNICH, München, Germany)

Bitopertin (RG1678), a Potent and Selective Glycine Re-Uptake Inhibitor for the Treatment of Schizophrenia

Dr Emmanuel PINARD
(F. HOFFMANN-LA ROCHE, Basel, Switzerland)

Fragment-Based Design of Inhibitors of The Antituberculotic Target 1-Deoxy-D-Xylulose-5-Phosphate Synthase Exploiting an Innovative Combination of NMR Techniques

Mrs Tiziana MASINI
(UNIVERSITY OF GRONINGEN, Groningen, The Netherlands)

Lunch and Exhibition

Poster Session 2

Session Chair

Dr Alan D. PALKOWITZ
(ELI LILLY & CO.)

New Strategies in Organic Synthesis: Recent Advances Based on Catalytic Reactions of Boron Reagents

Prof. James P. MORKEN
(BOSTON COLLEGE, Chestnut Hill, United States)

Identification of a Novel Series of Orexin Receptor Antagonists with a Distinct Effect on Sleep Architecture

Dr Simona COTESTA
(NOVARTIS, Basel, Switzerland)

Antibody Drug Conjugates for the Treatment of Cancer

Dr Paul POLAKIS
(GENENTECH, San Francisco, United States)

Coffee break and Exhibition

Metal Catalyzed Arylation of Nucleophiles

Dr Marc TAILLEFER
(ENSCM, Montpellier, France)

From Organic Synthesis to Biomedical Sciences - from Polyhydroxybutyrate (PHB) to Cell-Penetrating Peptides

Prof. Dieter SEEBACH
(ETH ZURICH, Zürich, Switzerland)

Closing of the day

Symposium Banquet (optional, and subject to registration)

Thursday May 9, 2013

Post-symposium Excursions (optional, and subject to registration)