

Thursday September 1, 2016

Registration

Welcome and opening

Session Chair

Prof. Koen AUGUSTYNS
(UNIVERSITY OF ANTWERP, Antwerp, Belgium)

Case Histories of Fragment-Based Drug Discovery.

Dr David REES
(ASTEX PHARMACEUTICALS, Cambridge, United Kingdom)

Heterocycles and Medicinal Chemistry: the Importance of Innovative Synthesis

Dr Anthony WOOD
(PFIZER, Stevenage, Herts, SG1 2NY, United Kingdom)

YMCS Competition Presentation Session I

New Avenues in Protein Labeling - Exploiting Dna for Directing Chemical Reactions
Winner of the young medicinal chemist meeting in Denmark (CP01)

Dr Anne Louise Bank KODAL
(NOVO NORDISK, Bagsværd, Denmark)

Drug Design, Synthesis and Biological Evaluation of Antiretroviral and Anticancer Agents
Winner of the young medicinal chemist meeting in Italy (CP02)

Dr Valeria FAMILGLINI
(UNIVERSITY OF ROME, Rome, Italy)

Development of Potent, Cell-Active Inhibitors of the Mycobacterium Tuberculosis Cholesterol Oxidase Cyp125 (OC01)

Ms Madeline KAVANAGH
(UNIVERSITY OF CAMBRIDGE, Cambridge, United Kingdom)

Flash Poster Presentations

FP01- Toward Libraries of Artificial Macrocycles

Mrs Eman ABD ELRAHEEM
(GRONINGEN UNIVERSITY, Groningen, The Netherlands)

FP02 - Discovery, Structural Exploration and Biological Profiling of a Novel Class of Antimycobacterial Dpre1 Inhibitors

Ms Olga BALABON
(UNIVERSITY OF ANTWERP, Wilrijk, Belgium)

FP03 - Orally Bioavailable Antimalarial 4(1h)-Quinolone Prodrugs with Single-Dose Cures

Dr Fabian BROCKMEYER
(NORTHEASTERN UNIVERSITY, Germany)

FP04 - Developement of Synthesis Methodology for Dna-Encoded Small Molecule Screening Libraries

Dr Mateja KLIKA SKOPIC
(TECHNISCHE UNIVERSITÄT DORTMUND, Dortmund, Germany)

Programme

FP05 - Fishing for an Off-Target": Deconvoluting the Molecular Mechanism of GPCR-Induced Macrophage Chemotaxis"

Dr Maria CHATZOPOULOU
(UNIVERSITY OF OXFORD, Oxford, United Kingdom)

FP06 - Design, Synthesis and Pharmacological Evaluation of Fluorescent Tools for Studying Cannabinoid Type 2 Receptor

Ms Anna COOPER
(UNIVERSITY OF OTAGO, Dunedin, New Zealand)

FP07 - Development of Novel, Selective and Irreversible PI3K γ Inhibitors

Mr Sam DALTON
(UNIVERSITY OF STRATHCLYDE, Glasgow, United Kingdom)

FP08 - Identification of Novel Non-Natural Supramolecular Ligands as Stabilizers of 14-3-3 σ Protein-Protein Interactions

Dr Alba GIGANTE
(DUISBURG ESSEN UNIVERSITY, Tres Cantos-Madrid, Spain)

FP09 - Targets in Orphan Diseases and Their Repurposing Candidates - Analysis with a Knime Workflow Using Open Phacts

Ms Jana GURINOVA
(UNIVERSITY OF VIENNA, Vienna, Austria)

FP10 - Selectivity Profiling of the Human Monoamine Transporters: A Case Study on Cathinone Analogs

Ms Eva HELLSBERG
(UNIVERSITY OF VIENNA, Vienna, Austria)

FP11 - Photoswitchable 4-(Piperidin-4-yl)-1-Hydroxypyrazole Analogues for the GABA Type A Receptors

Ms Henriette KIHLE
(UNIVERSITY OF COPENHAGEN, Copenhagen, Denmark)

FP12 - Extending SAR of Bile Acids as FXR/TGR5 Modulators: Synthesis and Biological Activity of Ring C Modified CDCA Derivatives

Ms Serena MOSTARDA
(UNIVERSITÀ DEGLI STUDI DI PERUGIA, Perugia, Italy)

FP13 - Lead Optimisation of a Novel Class of Trypanosomacidal Agents

Ms Harriet NEWSON
(UNIVERSITY OF WESTERN AUSTRALIA, Australia)

FP14 - Synthesis and Biological Evaluation of Diaryl Guanidinium-Like Derivatives as Protein Kinase Inhibitors for the Treatment of Cancer

Ms Viola PREVITALI
(TRINITY COLLEGE DUBLIN, Dublin, Ireland)

FP15 - Development of Novel 1,4-Benzodiazepines as Antitrypanosomal Agents

Dr Santo PREVITI
(UNIVERSITY OF MESSINA, Messina, Italy)

FP16 - Determining the Binding Mode of 3-(1-Alkyl-1H-imidazol-5-yl)-1H-indoles

Dr Adam HOGENDORF
(MAJ INSTITUTE OF PHARMACOLOGY, POLISH ACADEMY OF SCIENCES, Krakow, Poland)

FP17 - Targeting the Human Dihydroorotate Dehydrogenase (Hdh) by a Scaffold Hopping Bioisosteric Approach Using Hydroxylated Pentaatomic Heterocycles

Dr Stefano SAINAS
(UNIVERSITY OF TORINO, Torino, Italy)

Programme

FP18 - Towards the Elucidation of the Mechanism of Action of Small Molecule Upregulators of Utrophin Using Chemical Proteomics

Dr Aini VUORINEN
(UNIVERSITY OF OXFORD, Oxford, United Kingdom)

FP19 - Development of an Albumin-Binding Ligand for Prolonging the Plasma Half-Life of Peptide Therapeutics

Mr Alessandro ZORZI
(ECOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE , Lausanne, Switzerland)

FP20 - Near-Infrared (Nir) Photothermal Therapy Using Biocompatible Palladium Nanoparticles

Dr Belen RUBIO RUIZ
(UNIVERSITY OF EDINBURGH, Edinburgh, United Kingdom)

YMCS Poster presentation session & Networking drink

End of the day

Programme

Friday September 2, 2016

YMCS Competition Presentation Session II

Antimalarial Drug Discovery: Exploring the Mep Pathway

Winner of the young medicinal chemist meeting in the United Kingdom (CP03)

Ms Kathryn PRICE
(UNIVERSITY OF LIVERPOOL, Liverpool, United Kingdom)

Drugging the Undruggable: Targeting Challenging E3 Ligases

Winner of the young medicinal chemist meeting in Spain (CP04)

Dr Carles GALDEANO
(UNIVERSITAT DE BARCELONA, Barcelona, Spain)

Development of Highly Selective and Reversible Diacylglycerol Lipase Inhibitors

Winner of the young medicinal chemist meeting in The Netherlands (CP05)

Dr Freek JANSSEN
(LEIDEN UNIVERSITY, Nijmegen, The Netherlands)

Functional Lipidomics-Based Lead Discovery Reveals Novel Role of Phospholipids in Vitamin A Signaling

Winner of the young medicinal chemist meeting in Germany (CP06)

Dr Andreas KOEBERLE
(UNIVERSITY OF JENA, Jena, Germany)

Design, Synthesis and Biological Evaluation of Selective CDK Inhibitors based on Flavopiridol Structure

Winner of the young medicinal chemist meeting in Greece (CP07)

Dr Nikitia MEXIA
(UNIVERSITY OF ATHENS, Leeds, United Kingdom)

Coffee break

YMCS Competition Presentation Session III

Design and Synthesis of 2,2'-Diindolylmethanes to Selectively Target Certain G-Quadruplex Dna Structures

Winner of the young medicinal chemist meeting in Sweden (CP08)

Dr Madeleine LIVENDAHL
(UMEA UNIVERSITY, Umeå, Sweden)

Stable, Effective, and Selective Anticancer Phenolato Titanium(IV) Complexes

Winner of the young medicinal chemist meeting in Israel (CP09)

Dr Sigalit MEKER
(THE HEBREW UNIVERSITY OF JERUSALEM, Kfar Yona, Israel)

Glyco-Conjugated Photosensitizers: From Synthesis to Validation in Cancer Photodynamic Therapy

Winner of the young medicinal chemist meeting in Portugal (CP10)

Ms Patricia PEREIRA
(UNIVERSIDADE DE AVEIRO, Aveiro, Portugal)

Discovery of Cct251921: A Potent, Selective and Orally Bioavailable Small Molecule Modulator of the Mediator Complex-Associated Kinases Cdk8 and Cdk19 (OC02)

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

Lunch

Programme

YMCS Competition Presentation Session IV

How to Design Cell Permeable Non-Peptidic Macrocycles (OC03)

Dr Björn OVER

(MACROCYCLE ADME, BEYOND RO5 AND NATURAL PRODUCT-FRAGMENTS, Landvetter, Sweden)

New 3d-Scaffolds for Fragment-Based Lead Discovery (Fbld): Exploration of Chemical Space Using Functionalized Spirohydantoin

Winner of the young medicinal chemist meeting in France (CP11)

Mr Hugues PREVET

(LABORATORY U1177 - UNIVERSITY OF LILLE, Lille, France)

Discovery Of Novel Atpase Inhibitors Of Dna Gyrase And Topoisomerase Iv Starting From Marine Sponge Alkaloid Oroidin

Winner of the young medicinal chemist meeting in Slovenia (CP12)

Prof. Tihomir TOMASIC

(UNIVERSITY OF LJUBLJANA, Ljubljana, Slovenia)

Purine Mimicking 3'-Ethynylribofuranose Nucleosides: New Opportunities for an Old Sugar Modification

Winner of the young medicinal chemist meeting in Belgium (KVCV) (CP13)

Dr Fabian HULPIA

(UGENT, Beerse, Belgium)

Experimental Platform for Characterization and High-Throughput Screening of Acetylcholinesterase Inhibitors

Winner of the young medicinal chemist meeting in Poland (CP14)

Dr Piotr DRACZKOWSKI

(UNIVERSITY OF LUBLIN, Lublin, Poland)

Novel Derivatives of the Tspo Ligand Dpa-714 For in Vivo Pet Imaging of Neuroinflammation (OC04)

Mrs Fanny CACHEUX

(CEA, Orsay, France)

Voting Break

Closing and award ceremony