

Programme

Monday June 17, 2019

Registration

Opening

Prof. Matthias D'HOOGHE
(GHENT UNIVERSITY, Ghent, Belgium)

Session 1

Session Chair

Prof. Christian STEVENS
(UGENT, Ghent, Belgium)

Heterocycles as Key Features of New Starting Points for Drug Discovery (PL01)

Dr Peter MEIER
(NOVARTIS PHARMA AG, Basel, Switzerland)

Development of Enzyme Inhibitors and Multi-target-directed Ligands for Treating Neurodegenerative Diseases (IL01)

Prof. Stanislav GOBEC
(UNIVERSITY OF LJUBLJANA, Ljubljana, Slovenia)

Coffee break

Session 2

Session Chair

Prof. Till OPATZ
(JOHANNES GUTENBERG-UNIVERSITY, Mainz, Germany)

Silil-Prins Cyclization: Towards the Synthesis of Medium Sized Heterocycles (OC01)

Prof. Asuncion BARBERO
(UNIVERSITY OF VALLADOLID, Valladolid, Spain)

Chiral Piperidines from Pyridines: the Meta-Substitution Challenge in Asymmetric Hydrogenation (OC02)

Dr Paul ALSTERS
(INNOSYN B.V., Geleen, The Netherlands)

Expanding the Chemical Space of Chiral Trifunctional Building Blocks by Stereoselective Synthesis from Natural Terpenes (IL02)

Prof. Zsolt SZAKONYI
(UNIVERSITY OF SZEGED, Szeged, Hungary)

Lunch

Session 3

Session Chair

Programme

Prof. Fawaz ALDABBAGH
(KINGSTON UNIVERSITY, London, United Kingdom)

A Journey in Heteroaromatic Scaffolds as Protein Kinase Inhibitors (PL02)

Prof. Pascale MOREAU
(UNIVERSITY OF CLERMONT AUVERGNE, Aubière, France)

Bacterial Quinolones and Derivatives: New Drugs for Bad Bugs (IL03)

Dr Thomas BOTTCHER
(UNIVERSITY OF KONSTANZ, Konstanz, Germany)

Hydrogen Peroxide and Hydrohalic Acid-Mediated Synthesis of Ring-Fused Benzimidazolequinone Anti-Cancer Agents (OC03)

Mr Darren CONBOY
(KINGSTON UNIVERSITY LONDON, Kingston upon Thames, United Kingdom)

Coffee break

Session 4

Session Chair

Dr Bart ROMAN
(GHENT UNIVERSITY, Ghent, Belgium)

Thionations Using a P4S10-Pyridine Complex (OC04)

Ms Ngarita KINGI
(VIRONOVA MEDICAL AB, Stockholm, Sweden)

First Solid-Phase Strategy for the Total Synthesis of Fengycin Derivatives, a Class of Cyclic Lipodepsipeptides (OC05)

Dr Lidia FELIU
(LIPPSO, UNIVERSITY OF GIRONA, Girona, Spain)

Design and Synthesis of New Nitrogen-Containing Heterocycles for the Treatment of Mechanical Allodynia (OC06)

Ms Alexia VISSEQ
(INSTITUT DE CHIMIE DE CLERMONT FERRAND, AUBIERE, France)

Poster Session

Welcome Reception (Ghent City Hall)

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Tuesday June 18, 2019

Session 5

Session Chair

Prof. Bert MAES
(UNIVERSITY OF ANTWERP, Antwerp, Belgium)

Heterocycles To Control Immune Cell Function (PL03)

Prof. David FAIRLIE
(UNIVERSITY OF QUEENSLAND, Brisbane, Australia)

Vitamin B12 – an Intriguing Bioheterocycle (IL04)

Prof. Dorota GRYKO
(INSTITUTE OF ORGANIC CHEMISTRY PAS, Warsaw, Poland)

Hydroxylated Heterocycles as a Bioisosteric Tool to Modulate the Carboxylic Function (OC08)

Dr Agnese Chiara PIPPIONE
(UNIVERSITY OF TURIN, Torino, Italy)

Tweaking the Blebbistatin Scaffold Towards Better Pharmacological Tools (OC09)

Dr Bart ROMAN
(GHENT UNIVERSITY, Ghent, Belgium)

Coffee break

Session 6

Session Chair

Prof. Asuncion BARBERO
(UNIVERSITY OF VALLADOLID, Valladolid, Spain)

The Magic of Wood and Light – New Concepts for Synthetic Chemistry (OC10)

Prof. Till OPATZ
(JOHANNES GUTENBERG-UNIVERSITY, Mainz, Germany)

Synthesis of Enantioenriched 3-Isobenzofuranones Using Chiral Organomagnesiates (OC11)

Dr Sabrina TOUCHET
(UNIVERSITÉ DE LORRAINE, Vandoeuvre-les-Nancy, France)

Functionalization of Aromatic Heterocycles Using Bases Derived from LiTMP (IL05)

Prof. Florence MONGIN
(UNIVERSITY OF RENNES, Rennes, France)

Lunch

Session 7

Session Chair

Prof. Stanislav GOBEC
(UNIVERSITY OF LJUBLJANA, Ljubljana, Slovenia)

Programme

Synthesis of Heterocycles Using Visible Light Photocatalysis (PL04)

Prof. Burkhard KÖNIG
(UNIVERSITY OF REGENSBURG, Regensburg, Germany)

Leveraging Carbonylation and N-acyl imine Chemistry in Heterocycle Synthesis (IL06)

Prof. Luke ODELL
(UNIVERSITY OF UPPSALA, Uppsala, Sweden)

Structurally Simple Cytosine Peptidomimetics as Potent Cardioprotectors in Myocardial Ischemia (MI) Mouse Model: Design, Synthesis And Biological Evaluation (OC12)

Dr Edward KORSHIN
(BAR-ILAN UNIVERSITY, Ramat Gan, Israel)

Biradical Formation by Deprotonation in Conjugated 2-Amino/Imino Thiazole Derivatives (OC13)

Prof. Francisco LOPEZ-CALAHORRA
(UNIVERSITAT DE BARCELONA, Barcelona, Spain)

Excursion

Programme

Wednesday June 19, 2019

Session 8

Session Chair

Prof. Wim DE BORGGRAEVE
(KU LEUVEN, Leuven, Belgium)

The Beautiful Simplicity of Rearrangements (PL05)

Prof. Nuno MAULIDE
(UNIVERSITY OF VIENNA, Vienna, Austria)

A journey with Saponins (IL07)

Dr Martina LAHMANN
(BANGOR UNIVERSITY, Wales, United Kingdom)

Small but Selective: Developing Chemical Probes for PKN/PRK2 (OC14)

Dr Fiona SCOTT
(SUSSEX DRUG DISCOVERY CENTRE, Falmer, United Kingdom)

Application of Tsunoda reagent to the convenient synthesis of drug-like pyrazoles (OC15)

Dr Olivier LORTHIOIR
(ASTRAZENECA, Cambridge, United Kingdom)

Coffee break

Session 9

Session Chair

Prof. Florence MONGIN
(UNIVERSITY OF RENNES, Rennes, France)

The Phenanthridine PJ-34 Exclusively Eradicates Human cancer Cells (OC16)

Prof. Malka COHEN-ARMON
(TEL-AVIV UNIVERSITY, Tel-Aviv, Israel)

Synthesis and in vitro α -Glucosidase Inhibitory Activity of Polyhydroxylated 2-Styrylchromones (OC17)

Dr Clementina SANTOS
(INSTITUTO POLITÉCNICO DE BRAGANÇA, Braganca, Portugal)

Heterocycles and Neglected Diseases: Still a Role for Total Synthesis (IL08)

Prof. Adrian DOBBS
(UNIVERSITY OF GREENWICH, Kent, United Kingdom)

Lunch

Session 10

Session Chair

Prof. Zsolt SZAKONYI
(UNIVERSITY OF SZEGED, Szeged, Hungary)

Programme

Multiple Conjugation Reactions on Peptides and Oligonucleotides (PL06)

Prof. Anna GRANDAS
(UNIVERSITY OF BARCELONA, Barcelona, Spain)

Heterocycles as a Route to New Chemical Space for Drug Discovery (IL09)

Prof. James BULL
(IMPERIAL COLLEGE, London, United Kingdom)

'Stretched' Analogs of Piperidine, Piperazine, and Morpholine: Advanced Building Blocks for Drug Discovery (OC18)

Dr Ivan KONDRATOV
(ENAMINE, Kyiv, Ukraine)

Coffee break

Session 11

Session Chair

Dr Thomas HEUGEBAERT
(UGENT, Gent, Belgium)

Biologically Active Oxygen and Nitrogen Heterocyclic Compounds from Cycloaddition and Conjugate Addition Reactions On Chromones (OC19)

Prof. Artur M.S. SILVA
(UNIVERSITY OF AVEIRO, Aveiro, Portugal)

Combining Isocyanides with Carbon Dioxide for Heterocycle Synthesis (OC20)

Mr Jeroen BOMON
(UNIVERSITEIT ANTWERPEN, Antwerpen, Belgium)

Kolbe Anodic Decarboxylation as a Green Way to Access Pyrrolidinones (OC21)

Ms Mathilde QUERTENMONT
(UNIVERSITÉ CATHOLIQUE DE LOUVAIN, La Hulpe, Belgium)

Playing with Properties of Biologically Active Compounds: High-Throughput Conjugation of Drug-Like Molecules for Chemical Biology (OC22)

Ms Sona KRAJCOVICOVA
(PALACKY UNIVERSITY, Olomouc, Czech Republic)

Poster Session

Symposium Banquet

Thursday June 20, 2019

Session 12

Session Chair

Prof. Sven MANGELINCKX
(GHENT UNIVERSITY, Ghent, Belgium)

Heterocyclic Chemistry in Drug Development (PL07)

Prof. Wim DE BORGGRAEVE
(KU LEUVEN, Leuven, Belgium)

Biologically Active Azaheterocycles Containing a Ferrocene Moiety (IL10)

Prof. Niko S. RADULOVIC
(UNIVERSITY OF NIS, Nis, Serbia)

Regioselective C-H Arylation of Nitro Heterocycles and Further Transformation of Manipulable Nitro Group (OC23)

Dr Viktor IAROSHENKO
(POLISH ACADEMY OF SCIENCES, Lodz, Poland)

Towards DNA-Encoded Heterocycle Libraries - DNA-Compatible Povarov and Groebke Reactions by Micellar Brønsted Acid Catalysis (OC24)

Dr Andreas BRUNSCHWEIGER
(TU DORTMUND, Dortmund, Germany)

Closing and Award ceremony

Prof. Matthias D'HOOGHE
(GHENT UNIVERSITY, Ghent, Belgium)

Lunch