

Programme

Friday September 12, 2014

08:15 Coffee/registration

09:00 Welcome and opening

09:05 Keynote lecture I

Medicinal Chemistry Optimisation of Phenotypic Whole cell Screening Hits from SoftFocus Libraries

Prof. Kelly CHIBALE
(UNIVERSITY OF CAPE TOWN, Cape Town, South Africa)

09:50 YMCS competition presentation session I

Session Chair:

Dr Chris DE GRAAF
(VU UNIVERSITY AMSTERDAM, Cambridge, United Kingdom)

A Chemical Probe for the CBP/P300 Bromodomains.

Winner of the young medicinal chemist meeting in The United Kingdom

Dr Duncan HAY
(EVOTEC, Abingdon, United Kingdom)

Continuous Flow Chemistry as an Enabling Discovery Tool: Insights Into a Medchem and a Nutraceutical Application.

Winner of the young medicinal chemist meeting in Italy

Dr Lucia TAMBORINI
(UNIVERSITÀ DI MILANO, Milano, Italy)

De Novo Structure-based Design of Novel Inhibitors of the Aspartic Protease Endothapsin Exploiting Dynamic Combinatorial Chemistry

Mr Milon MONDAL
(, Groningen, The Netherlands)

10:50 Coffee break

11:15 YMCS competition presentation session II

Session Chair:

Dr Rita GUEDES
(UNIVERSITY OF LISBON, Lisbon, Portugal)

Straightforward Synthesis and Biological Evaluation of Sirna Prodrugs Partially Modified by Privaloyloxymethyl Groups.

Winner of the young medicinal chemist meeting in France

Mrs Christelle DUPOUY
(UNIVERSITÉ DE MONTPELLIER, Montpellier, France)

Novel targeting of lipid signaling in aggressive breast cancer: A new therapeutic approach.

Winner of the young medicinal chemist meeting in Israel

Programme

Dr Nir BEN CHETRIT
(WEIZMANN INSTITUTE OF SCIENCE, Rehovot, Israel)

**Molecular mechanisms of functional selectivity of fenoterol derivatives towards the B2-Adrenergic Receptor.
Winner of the young medicinal chemist meeting in Poland**

Mrs Karolina PAJAK
(MEDICAL UNIVERSITY OF LUBLIN, Lublin, Poland)

De Novo Design of Lead-Like Chemical Entities for Kinase and GPCR Drug Targets

Dr Tiago RODRIGUES
(ETH ZÜRICH, Zürich, Switzerland)

12:35 Flash poster presentations

Dr Ewald EDINK
(VU UNIVERSITY AMSTERDAM, Delft, The Netherlands)

Dr Stéphanie GUERET
(NOVARTIS INSTITUTES FOR BIOMEDICAL RESEARCH, Mölndal, Sweden)

Mr Rudi OLIVEIRA
(IMED.ULISBOA, Lisboa, Portugal)

Ms Eleni KOTSAMPASAKOU
(UNIVERSITY OF VIENNA, Vienna, Austria)

Mrs Sofia ALEXANDRE SANTOS
(UNIVERSITY OF LISBON, Lisbon, Portugal)

Dr Ana RESSURREICAO
(IMED.ULISBOA (INSTITUTO DE INVESTIGAÇÃO DO MEDICAMENTO), Lisboa, Portugal)

Mr Rafal URNIAZ
(MEDICAL UNIVERSITY OF LUBLIN, Lublin, Poland)

Mrs Sara Cristina COVAS DA SILVA
(UNIVERSITY OF LISBON, Lisboa, Portugal)

Ms Ramatoulie CAMARA
(UNIVERSITY OF HERTFORDSHIRE, Hatfield, United Kingdom)

Mrs Mariana REIS
(FACULTY OF PHARMACY -LISBON, Lisboa, Portugal)

Ms Daria GOLDMANN
(UNIVERSITY OF VIENNA, Vienna, Austria)

Mr Carlos Jorge AZEVEDO COSTA RIBEIRO
(INSTITUTO DE INVESTIGAÇÃO DO MEDICAMENTO (IMED.ULISBOA), Lisbon, Portugal)

Programme

Dr Andrea UNZUE (UNIVERSITY OF ZURICH, Zurich, Switzerland)
Dr Agnese Chiara PIPPIONE (UNIVERSITY OF TURIN, Torino, Italy)

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(UNIVERSITY OF TURIN, Torino, Italy)

Mr Pedro MIGUEL CAL
(PHARMACY FACULTY - LISBON UNIVERSITY, Algés, Portugal)

Dr Frans SMIT
(NORTH WEST UNIVERSITY - SOUTH AFRICA, Potchefstroom, South Africa)

Ms Nagore Isabel MARÍN RAMOS
(COMPLUTENSE UNIVERSITY OF MADRID, Madrid, Spain)

Ms Marzena BARAN
(JAGIELLONIAN UNIVERSITY MEDICAL COLLEGE, Krakow, Poland)

Dr Davide CARTA
(UNIVERSITY OF PADOVA, Padova, Italy)

Ms Marta CARRASCO
(FACULTY OF PHARMACY, UNIVERSITY OF LISBON, Lisbon, Portugal)

13:05 **YMCS poster presentation session and lunch**

14:50 **YMCS competition presentation session III**

Session Chair:

Dr Fabrizio GIORDANETTO
(TAROS CHEMICALS, New York, United States)

Functional Fragment Screening at GPCRS: Towards Signalling-Biased Fragments.
Winner of the young medicinal chemist meeting in The Netherlands

Dr Saskia NIJMEIJER
(VU UNIVERSITY AMSTERDAM, AMSTERDAM, The Netherlands)

Maximizing the Performance of Consensus Scoring in Protein-Ligand Docking.
Winner of the young medicinal chemist meeting in Greece

Mr Thomas EVANGELIDIS
(UNIVERSITY OF ATHENS, Athens, Greece)

Glycodendropeptides as a Potential Vaccine against Influenza A Virus.
Winner of the young medicinal chemist meeting in Spain

Dr Ainhoa MASCARAQUE
(CSIC, Sevilla, Spain)

Optimising In Vivo Probes for the BET Bromodomains

Ms Laura JENNINGS
(UNIVERSITY OF OXFORD, Oxford, United Kingdom)

Programme

A Unified Approach for Rational Lead Discovery/Lead Optimization Toward Low Nanomolar Human Neutrophil Elastase Inhibitor Discovery

Dr Susana DIAS LUCAS
(INSTITUTO DE INVESTIGAÇÃO DO MEDICAMENTO (IMED.ULISBOA), Lisboa, Portugal)

16:30 **Coffee break**

16:55 **Keynote lecture II**

Keynote Speakers

Dr Alexander V. MAYWEG
(F. HOFFMANN-LA ROCHE LTD, Basel, Switzerland)

17:40 **Closing and award ceremony**

Taros YMCS Presentation Prize

Royal Society of Chemistry YMCS Poster Prize

Roche YMCS Public's Choice Prize

18:00 **YMCS Networking and drinks**