

EFMC-YMCS Virtual Event 2020

Programme

Thursday September 10, 2020

Morning Session

Session Chair:

Prof. Dennis GILLINGHAM
(UNIVERSITY OF BASEL, Basel, Switzerland)

10:00 Opening Ceremony

Dr Yves P. AUBERSON
(NOVARTIS & EFMC, Basel, Switzerland)

10:10 KL01 - Trialkylphosphines in Chemical Biology

Prof. Pablo RIVERA FUENTES
(EPF LAUSANNE, Lausanne, Switzerland)

10:39 EFMC-YMCS Competition Presentation Session I

10:40 **OC01 - Design and Synthesis of Chemical Tools to Probe the Function of Trim33** **Winner of the young medicinal chemist meeting in United Kingdom**

Ms Jessica REYNOLDS
(UNIVERSITY OF OXFORD, Oxford, United Kingdom)

11:00 **OC02 - Chemical Genetics Strategy to Profile Kinase Target Engagement Reveals Role of FES in Neutrophil Phagocytosis** **Winner of the young medicinal chemist meeting in The Netherlands**

Dr Tom VAN DER WEL
(LEIDEN UNIVERSITY, Leiden, The Netherlands)

11:20 **OC03 - Advanced Building Blocks from The Chemical Universe Database GDB and Their Use to Create Potent Janus Kinase Inhibitors** **Winner of the young medicinal chemist meeting in Switzerland**

Mr Kris MEIER
(UNIVERSITY OF BERN, Bern, Switzerland)

11:40 End of Morning Session

Afternoon Session

Session Chair:

Dr Christina LAMERS
(UNIVERSITY OF BASEL, Leipzig, Germany)

16:00 Introduction of Afternoon Session

16:05 **Communicating Your Science Effectively** **EFMC-YSN Soft skills Training (1)**

Dr David PERALTA
(CHEMMEDCHEM/CHEMISTRY EUROPE, Weinheim, Germany)

16:44 EFMC-YMCS Competition Presentation Session II

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- 16:45** **OC04 - Targeting the $\alpha_5\beta_1$ RGD Integrin: from Computational Drug Design to Preclinical Applications**
Winner of the young medicinal chemist meeting in Italy
Dr Francesco SAVERIO DI LEVA
(UNIVERSITY OF NAPLES FEDERICO II, Naples, Italy)
- 17:05** **OC05 - Structurally Simple, Readily Available Peptidomimetic**
1-Benzyl-5-Methyl-4-(N-Octylamino)Pyrimidin-2(1H)-One Exhibited Efficient Cardioprotection in a Myocardial Ischemia (MI) Mouse Model
Winner of the young medicinal chemist meeting in Israel
Dr Elena TRIFONOV
(NATIONAL INSTITUTES OF HEALTH (NIH), North Bethesda, United States)
- 17:25** **OC06 - How Sugar-Based Bactericides Can Help the Fight Against Antibiotic Resistance: Synthesis and Mechanism of Action of Neutral Amphiphilic Deoxy Glycosides**
Winner of the young medicinal chemist meeting in Portugal
Dr Catarina DIAS
(CIPAN, Vala do Carregado, Portugal)
- 17:45** **End of Day 1**

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Friday September 11, 2020

Morning Session

Session Chair:

Dr Christina LAMERS
(UNIVERSITY OF BASEL, Leipzig, Germany)

10:00 Opening Day 2

10:10 KL02 - Discovery of Small Molecules to Manipulate Cell Fate In Vivo: Towards New Therapies for Degenerative Diseases

Prof. Angela RUSSELL
(UNIVERSITY OF OXFORD, Oxford, United Kingdom)

10:39 EFMC-YMCS Competition Presentation Session III

**10:40 OC07 - Targeting Orphan Nuclear Receptors in Neurodegeneration and Beyond
Winner of the young medicinal chemist meeting in Germany (DPhG)**

Dr Daniel MERK
(GOETHE UNIVERSITY FRANKFURT, Frankfurt, Germany)

**11:00 OC08 - Interrogating the Lactate Dehydrogenase Tetramerization Site Using (Stapled) Peptides
Winner of the young medicinal chemist meeting in Belgium (SRC)**

Dr Léopold THABAULT
(UCLouvain - Louvain Drug Research Institute, London, United Kingdom)

11:20 OC09 - Design, Synthesis and Biological Evaluation of Pyrazolo[3,4-d]Pyrimidine-based Protein Kinase D Inhibitors

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

Mr Philippe GILLES
(KU LEUVEN, Heverlee, Belgium)

11:40 End of Morning Session

Afternoon Session

Session Chair:

Prof. Dennis GILLINGHAM
(UNIVERSITY OF BASEL, Basel, Switzerland)

16:00 Introduction of Afternoon Session

**16:05 What if funding wasn't a barrier to innovation?
EFMC-YSN Soft skills Training (2)**

Dr Virginia BALLOTTA
(CATALYZE, Basel, Switzerland)

16:44 EFMC-YMCS Competition Presentation Session IV

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- 16:45** **OC10 - Design, Synthesis and Preliminary Biological Testing of Novel Thiazole Bioisosteres of Goniofufurone**
Winner of the young medicinal chemist meeting in Serbia
- Ms Sanja DJOKIC
(UNIVERSITY OF NOVI SAD, Novi Sad, Serbia)
- 17:05** **OC11 - Synthesis and Evaluation of QS-7-Based Vaccine Adjuvants**
Winner of the young medicinal chemist meeting in Croatia
- Dr Dani SKALAMERA
(UNIVERSITY OF ZAGREB, Zagreb, Croatia)
- 17:25** **OC12 - Synthesis of Aurora B Kinase Inhibitors from Simplified Analogs of Marine Metabolites for Cancer Therapy**
Winner of the young medicinal chemist meeting in France
- Ms Charlotte JUILLET
(CNRS, Gif sur Yvette, France)
- 17:45** **EFMC-YMCS Prize Ceremony, Best Poster Prizes Ceremony and Closing**
- Dr Yves P. AUBERSON
(NOVARTIS & EFMC, Basel, Switzerland)
- 18:00** **End of Day 2**