

EFMC-YMCS Virtual Event 2020

Programme

Thursday September 10, 2020

Morning Session

10:00 Opening Day 1

10:10 **Trialkylphosphines in Chemical Biology**

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

10:39 EFMC-YMCS Competition Presentation Session I

10:40 **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 **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 **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

16:00 Introduction of Afternoon Session

16:05 **Training Session on Publishing and Communication Topics**
EFMC-YSN Soft skills Training (1)

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

16:44 EFMC-YMCS Competition Presentation Session II

16:45 **Targeting the $\alpha_6\beta_1$ 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)

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- 17:05** **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** **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

- 10:00** **Opening Day 2**
- 10:10** **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** **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** **Interrogating the Lactate Dehydrogenase Tetramerization Site Using (Stapled) Peptides**
Winner of the young medicinal chemist meeting in Belgium (SRC)
Mr Léopold THABAULT
(UCLouvain - Louvain Drug Research Institute, Brussels, Belgium)
- 11:20** **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

- 16:00** **Introduction of Afternoon Session**
- 16:05** **Topic to be Confirmed**
EFMC-YSN Soft skills Training (2)
- 16:44** **EFMC-YMCS Competition Presentation Session IV**
- 16:45** **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** **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)

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- 17:25** **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** **Prize Ceremony and Closing**
- 18:00** **End of Day 2**