

## Programme

### Thursday September 10, 2020

#### Morning Session

##### Session Chair:

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

##### Opening Ceremony

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

##### KL01 - Trialkylphosphines in Chemical Biology

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

#### EFMC-YMCS Competition Presentation Session I

##### 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)

##### 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)

##### 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)

#### End of Morning Session

#### Afternoon Session

##### Session Chair:

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

#### Introduction of Afternoon Session

##### Communicating Your Science Effectively EFMC-YSN Soft skills Training (1)

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

#### EFMC-YMCS Competition Presentation Session II

## Programme

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**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)

**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)

**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)

**End of Day 1**

### Friday September 11, 2020

#### Morning Session

##### Session Chair:

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

#### Opening Day 2

##### **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)

#### EFMC-YMCS Competition Presentation Session III

##### **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)

##### **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)

##### **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)

#### End of Morning Session

#### Afternoon Session

##### Session Chair:

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

#### Introduction of Afternoon Session

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

Dr Virginia BALLOTTA  
(CATALYZE, Basel, Switzerland)

#### EFMC-YMCS Competition Presentation Session IV

## Programme

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**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)

**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)

**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)

**EFMC-YMCS Prize Ceremony, Best Poster Prizes Ceremony and Closing**

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

**End of Day 2**