

### Confirmed Plenary Speakers (to Date)

Keynote Lecture

### Thursday September 8, 2022

- 14:15 Registration**
- 15:00 Welcome and Opening**
- 15:15 KL01 - "All Models are Wrong, Some are Useful". The Medicinal Chemist is Never Better Than the Biological Models Available to Assess Compound Properties**  
Prof. Benoit DEPREZ  
(INSTITUT PASTEUR DE LILLE, Lille, France)
- 15:45 EFMC-YMCS Competition Presentation Session I**
- 15:45 OC01 - Degrading Into Opportunities: Self-Immolation as Mechanism for Artificial Signal Transduction Winner of the young medicinal chemist meeting in Denmark**  
Dr Kaja BORUP LØVSCHALL  
(TECHNICAL UNIVERSITY OF DENMARK, København Ø, Denmark)
- 16:05 OC02 - From a Helix to a Cycle: Peptide Macrocyclization Strategies to Develop New Antimicrobial Agents Winner of the young medicinal chemist meeting in Italy**  
Prof. Francesco MERLINO  
(UNIVERSITY OF NAPLES, FEDERICO II, Italy)
- 16:25 OC03 - Disruption of Mitochondrial Redox Homeostasis by Enzymatic Activation of a Trialkylphosphine Probe Winner of the young medicinal chemist meeting in Switzerland**  
Ms Jade NGUYEN  
(EPFL, Geneva, Switzerland)
- 16:45 Flash Poster Presentations (0-10)**
- FP01 – Triazine-Based Small Molecules as Novel PD-L1 Modulators**  
Ms Giulia ASSONI  
(UNIVERSITY OF TRENTO, Trento, Italy)
- FP02 - Synthesis and Preclinical Validation of Limks Inhibitors: Promising Drugs for Osteosarcoma Treatment?**  
Mr Rayan BERABEZ  
(UNIVERSITÉ D'ORLÉANS, ORLEANS, France)
- FP03 - Development of Encoded Combinatorial Chemistry for The Identification of Specific Ligands of G-Quadruplex DNA Structures**  
Dr Gilles DEGOTTE  
(I2BM/UNIVERSITY GRENOBLE ALPES, Grenoble, France)
- FP04 - Synthesis and Biological Activity of Novel Azoniaspiro Type Quaternary Fluoroquinolones**  
Dr Joanna FEDOROWICZ  
(MEDICAL UNIVERSITY OF GDANSK, Gdansk, Poland)
- FP05 - Development of Novel Necroptosis Inhibitors Targeting RIPK1**  
Ms Lara FIDALGO  
(FF.ULISBOA, Lisboa, Portugal)

## Programme

**FP06 - Discovery of JNJ-1245, a Novel and Potent Fluoroallylamide MCL-1 Inhibitor for the Treatment of Hematologic Malignancies**

Dr Soufyan JERHAOUI  
(JANSSEN PHARMACEUTICA NV, Beerse, Belgium)

**FP07 - Target-Directed Dynamic Combinatorial Chemistry Towards the Discovery of Sars-Cov-2 Anti-Virals Targeting NSP10**

Dr Gwenaëlle JÉZÉQUEL  
(HZI, Saarbrücken, Germany)

**FP08 - Panicein a Hydroquinone and Analogs Overcome Chemotherapy Resistance in Cancer Cell**

Mrs Sandra KOVACHKA  
(UNIVERSITÉ COTE D'AZUR, Nice, France)

**FP09 - Development of Bioorthogonal Palladium Catalysed Reactions for Specific Anticancer Drug Delivery**

Ms Marine LEFEVRE  
(UCLOUVAIN, Louvain la Neuve, Belgium)

**17:05 Coffee Break & Exhibition**

**EFMC-YMCS Competition Presentation Session II**

**17:25 OC04 - Epitope Identification, a Case Study: Nanobodies Binding to MGLU5 Receptor  
Winner of the young medicinal chemist meeting in France**

Ms Floriane ESHAK  
(UNIVERSITY PARIS CITÉ, Paris, France)

**17:45 OC05 - Studies on the Synthesis and Anticancer Potential of Novel 2,4-Diaminopyrimidine Derivatives  
Winner of the young medicinal chemist meeting in Turkey**

Mrs Deniz LENGERLI  
(GAZI UNIVERSITY FACULTY OF PHARMACY, Ankara, Turkey)

**18:05 OC06 - Unraveling the Potential of Multicomponent Reactions in Drug Discovery  
Winner of the young medicinal chemist meeting in Spain**

Mr Pau Nadal RODRÍGUEZ  
(UNIVERSITY OF BARCELONA, Barcelona, Spain)

**18:25 EFMC-YMCS Poster Presentation Session 1, Networking & Exhibition**

### Friday September 9, 2022

- 08:40 EFMC-YMCS Competition Presentation Session III**
- 08:40 OC07 - Hydrophilic and Lipophilic Derivatives of Protulactone A: Synthesis, Antiproliferative Activity and Sar Analysis**  
**Winner of the young medicinal chemist meeting in Serbia**  
Ms Sanja DJOKIC  
(UNIVERSITY OF NOVI SAD, Novi Sad, Serbia)
- 09:00 OC08 - Advances in the Development of Novel Therapeutics Targeting Neurodegenerative Diseases**  
**Winner of the young medicinal chemist meeting in Germany (DPhG)**  
Dr Steffen POCKES  
(UNIVERSITY OF REGENSBURG, Regensburg, Germany)
- 09:20 OC09 - Design, Synthesis and Biological Evaluation of Novel P53 Activators by Targeting P53 Protein-Protein Interactions**  
**Winner of the young medicinal chemist meeting in Portugal**  
Dr Margarida ESPADINHA  
(UANTWERPEN, Antwerp, Belgium)
- 09:40 OC10 - Elevated Vacuolar Uptake of Fluorescently Labeled Antifungal Drug Caspofungin Predicts Echinocandin Resistance in Pathogenic Yeast**  
**Winner of the young medicinal chemist meeting in Israël**  
Mr Jaber QAIS  
(TEL AVIV UNIVERSITY, taiybe, Israel)
- 10:00 Flash Poster Presentations (10-20)**
- FP10 - Design, Synthesis & Evaluation of Novel Aminopeptidase Inhibitors as Potent Antimalarials**  
Ms Mahta MANSOURI  
(MONASH INSTITUTE OF PHARMACEUTICAL SCIENCES, Parkville, Australia)
- FP11 - Antibody-Protac Conjugates: An Approach for Targeted Selective BRD4 Degradation in HER2+ Phenotypes**  
Dr María MANEIRO  
(UNIVERSIDADE DE SANTIAGO DE COMPOSTELA, Santiago de Compostela, Spain)
- FP12 - Preclinical Evaluation of Antibody Recruiting Glycodendrimers (ARGs) for Cancer Therapy**  
Dr Ángela MARTIN SERRANO ORTIZ  
(UNIVERSITÉ GRENOBLE-ALPES, Grenoble, France)
- FP13 - Development of Orally Available Cyclic Peptide Therapeutics**  
Mr Manuel MERZ  
(SWISS FEDERAL INSTITUTE OF TECHNOLOGY LAUSANNE (EPFL), Lausanne, Switzerland)
- FP14 - Sar of Triquinazine, a Class of Potent Janus Kinase Inhibitors**  
Ms Kleni MULLIRI  
(UNIVERSITY OF BERN, Bern, Switzerland)
- FP15 - Synthesis and Biological Evaluation of Schistosoma Mansoni Sirtuin2 (SMSIRT2) Inhibitors**  
Dr Beatrice NOCE  
(SAPIENZA, UNIVERSITY OF ROME, Rome, Italy)
- FP16 - Design, Synthesis and Biological Evaluation of New Rna Ligands Targeting miRNA-210: Modulation of the Circadian Clock for Cancer Therapy**

## Programme

Mr Marc PANOSETTI  
(INSTITUT DE CHIMIE DE NICE - UNIVERSITÉ COTE D'AZUR, Menton, France)

### **FP17 - A Small Fluorescent Ligand to Investigate Soluble Epoxide Hydrolase Engagement in Living Cells**

Ms Julia SCHOENFELD  
(GOETHE-UNIVERSITY, Frankfurt am Main, Germany)

### **FP18 - Bactericidal Autophagy Inhibitors to Treat Recurrent Infections and Cancer**

Mrs Alessandra UGOLINI  
(FONDAZIONE ISTITUTO ITALIANO DI TECNOLOGIA (IIT), Genoa, Italy)

### **FP19 - Potent and Specific Activators for The Mitochondrial Sirtuins SIRT3 And SIRT5**

Dr Clemens ZWERGEL  
(UNIVERSITY OF ROME LA SAPIENZA, Rome, Italy)

**10:20 Coffee Break**

**10:40 EFMC-YMCS Competition Presentation Session IV**

**10:40 OC11 - A Chemical Biological Approach to Study GPCRS: Labeling the Adenosine A1 Receptor Using an Electrophilic Covalent Probe**  
**Winner of the young medicinal chemist meeting in The Netherlands**

Mr Bert BEERKENS  
(LEIDEN UNIVERSITY, Leiden, The Netherlands)

**11:00 OC12 - Indole and Pyrazole as Versatile Scaffolds for Biological Active Compounds: New Chimeric Kinase and Bromodomain Inhibitors**  
**Winner of the young medicinal chemist meeting in Greece**

Mrs Amalia KALAMPALIKI  
(NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS, Athens, Greece)

**11:20 OC13 - The Complementarity Principle in Docking Procedures: Evaluation of the Correctness of Binding Poses**  
**Winner of the young medicinal chemist meeting in Croatia**

Dr Hrvoje RIMAC  
(UNIVERSITY OF ZAGREB, Zagreb, Croatia)

**11:40 OC14 - Development of Multifunctional Buche Inhibitors and 5-HT6R Antagonists with Beta-Amyloid Anti-Aggregation Properties as Potential Disease-Modifying Agents against Alzheimer's Disease**  
**Winner of the young medicinal chemist meeting in Poland**

Mr Tomasz WICHUR  
(UNIwersytet Jagiellonski Collegium Medicum , Krakow, Poland)

**12:00 Lunch, Networking & Exhibition**

**12:30 EFMC-YMCS Poster Presentation Session 2**

**13:45 EFMC-YMCS Competition Presentation Session V**

**13:45 OC15 - Breaking the Paradigm: Radiolabelled CCK<sub>2</sub>R Antagonists Are Superior to Radiolabelled Agonists in *In Vivo* Setting**  
**Winner of the young medicinal chemist meeting in Slovenia**

Ms Doroteja NOVAK  
(UNIVERSITY OF LJUBLJANA, Ljubljana, Slovenia)

## Programme

- 14:05**    **OC16 - Discovery, Characterization and Engineering of Ligases for Amide Synthesis**  
**Winner of the young medicinal chemist meeting in United Kingdom**  
Mr Michael ROWLINSON  
(UNIVERSITY OF MANCHESTER, Manchester, United Kingdom)
- 14:25**    **OC17 - Design, Synthesis, and Preliminary Biological Evaluation of New Boronic Acids Derivatives**  
**Winner of the young medicinal chemist meeting in Czech Republic**  
Mr Petr SLECHTA  
(CHARLES UNIVERSITY, Hradec Králové, Czech Republic)
- 14:45**    **OC18 - Unravelling H1D01 Conformational Dynamic to Guide the Discovery of New Inhibitors**  
**Winner of the young medicinal chemist meeting in Belgium (SRC)**  
Ms Manon MIRGAUX  
(UNIVERSITÉ DE NAMUR, Namur, Belgium)
- 15:05**    **OC19 - Fighting Chemistry with Chemistry - New Antidotes against Nerve Agent Intoxication**  
**Winner of the young medicinal chemist meeting in Sweden**  
Mr Norman HOSTER  
(UMEÅ UNIVERSITY, Umeå, Sweden)
- 15:25**    **Voting Break**
- 15:40**    **KL02 - Medicinal Chemistry Today: Be Prepared for the Unexpected!**  
Dr Gerhard MÜLLER  
(ANAVO THERAPEUTICS, Heidelberg, Germany)
- 16:10**    **Closing and Award Ceremony**
- 16:30**    **End of the Symposium**
- 16:45**    **Optional Programme**
- 16:45**    **EFMC-YSN Soft Skills Training (1) - Reaxys Workshop: A Tandem Tour to Unveil the Profile of An Active Molecule**  
Dr Giulia MONCELSI  
(ELSEVIER LIFE SCIENCES, Amsterdam, The Netherlands)
- 17:30**    **EFMC-YSN Soft Skills Training (2) - Reaching Out: Effective Communication and Networking for Scientists**  
Dr David PERALTA  
(CHEMMEDCHEM/CHEMISTRY EUROPE, Weinheim, Germany)
- 18:15**    **End of the Optional Programme**