

Programme

Thursday September 9, 2021

Session DAY 1 - Morning Session

Session Chair

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

09:30 Opening Ceremony

Prof. Rui MOREIRA (UNIVERSITY OF LISBON, Lisbon, Portugal)
Prof. Dennis GILLINGHAM (UNIVERSITY OF BASEL, Basel, Switzerland)

09:40 KL01 - Powerful New Tools for Augmented Medicinal Chemistry

Dr Werngard CZECHTIZKY
(ASTRAZENECA, Mölndal, Sweden)

10:10 OC01 - Design and Synthesis of Novel Benzothiazole-Piperazine Propanamide Derivatives for Multi-Targeted Approach in Alzheimer's Disease Treatment Winner of the Young Medicinal Chemist Meeting in Turkey

Ms Bengisu TURGUTALP
(YEDITEPE UNIVERSITY, New York, Turkey)

10:30 OC02 - Design and Synthesis of Dual Inhibitors Of DYRK1A/CLK1 Kinases Involved in Neurodegenerative Diseases Winner of the Young Medicinal Chemist Meeting in France

Mrs Clementine PESCHETEAU
(ICOA, ORLEANS, France)

10:50 OC03 - Towards the Development of ACSL4 Selective Inhibitors to Prevent Ferroptosis in Neurodegenerative Diseases Winner of the Young Medicinal Chemist Meeting in Belgium (SRC)

Mr Romain MARTEAU
(LOUVAIN DRUG RESEARCH INSTITUTE, Woluwe-Saint-Lambert, Belgium)

11:10 Networking Break

11:20 OC04 - Small Organic Molecules to Trigger the Activity of NK Cells Winner of the Young Medicinal Chemist Meeting in Portugal

Dr Pedro PINHEIRO
(INSTITUTO SUPERIOR TÉCNICO, Lisboa, Portugal)

11:40 OC05 - Novel Hdac6-Selective Inhibitor for Glioblastoma Treatment Winner of the Young Medicinal Chemist Meeting in Croatia

Dr Maja BEUS
(INSTITUTE FOR MEDICAL RESEARCH, Durham, United States)

12:00 OC06 - Design and Synthesis of Brain Penetrant P38-Alpha Mitogen-Activated Protein Kinase Inhibitors Winner of the Young Medicinal Chemist Meeting in Germany (DPhG)

Dr Pierre KOCH
(UNIVERSITÄT REGENSBURG, Germany)

Flash Poster Presentations (Odd numbers)

12:20 FP01 - Electrophilic Warheads for The Assessment of Tractable Cysteines

Dr Peter ÁBRÁNYI-BALOGH
(RESEARCH CENTRE FOR NATURAL SCIENCES, Budapest, Hungary)

FP03 - Synthesis and In Vitro Evaluation of Novel G6Pd Inhibitors

Mr Andrea BACCI
(UNIVERSITY OF PISA, Pisa, Italy)

FP05 - Synthesis, Development and Evaluation of a Therapeutic Peptide Conjugate to Protect Biomaterials from Undesired Immune Attack

Dr Clément BECHTLER
(UNIVERSITY OF BASEL, Wuppertal, Germany)

FP07 - Inhibition of the Protein-Rna Interaction of Lin28 and Let-7 with Trisubstituted Pyrrolinones

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Ms Lydia BORGELT
(MAX PLANCK INSTITUTE OF MOLECULAR PHYSIOLOGY, Dortmund, Germany)

FP09 - Azaaurones as Novel Chemotypes against Mycobacterium Tuberculosis: Sar, Adme Profiling and Photo-Switching Properties

Mr André CAMPANICO
(I.MED.ULISBOA - FFULISBOA, Lisboa, Portugal)

FP11 - Protac Technology to Investigate Dysregulation of the Ubiquitin-Proteasome System

Ms Carlotta CECCHINI
(UNIVERSITY OF GENEVA, Geneva, Switzerland)

FP13 - High-Affinity Glycomimetic Ligands for Human Siglec-8

Mr Gabriele CONTI
(UNIVERSITY OF BASEL, Basel, Switzerland)

FP15 - Synthesis and Biological Evaluation of Novel Variously Substituted 3-Benzyl-Quinolin-2(1H)-Ones as Potent Agonists of the Gpr55 Receptor

Mrs Ceni COSTANZA
(UNIVERSITY OF PISA, Empoli, Italy)

FP17 - Design and Synthesis of Novel Androgen Receptor Splice Variant-7 Protacs for the Treatment of Castration-Resistant Prostate Cancer

Ms Jenny DESANTIS
(UNIVERSITY OF PADUA, Padova, Italy)

FP19 - A Novel Covalent Approach for Stabilising 14-3-3 β Protein-Protein Interactions

Ms Marta FALCICCHIO
(UNIVERSITY OF LEICESTER, Leicester, United Kingdom)

12:40 End of Morning Session

13:30 Poster Session 1 (Odd numbers) & Networking

Session Roundtable

15:30 Round Table Discussion: ["The Stories Behind the Medicinal Chemists in Industry"](#)

Ms Helen AYLOTT (GSK, Stevenage, United Kingdom)
Dr Maude GIROUD (F. HOFFMANN-LA ROCHE, Basel, Switzerland)
Dr Toni METSÄNEN (ORION PHARMA, Espoo, Finland)
Dr Fabrizio MICHELI (APTUIT, AN EVOTEC COMPANY, Verona, Italy)
Dr Nikolay SITNIKOV (NUVISAN ICB GMBH, Berlin, Germany)
Dr Fionn O'HARA (F. HOFFMANN-LA ROCHE, Basel, Switzerland)

Session DAY 1 - Afternoon Session

Session Chair

Dr Michal SHOSHAN
(UNIVERSITY OF ZURICH, Zürich, Switzerland)

16:45 OC07 - Metatacs: A Strategy for Metastasis Prevention Through Targeted Fascin Degradation Winner of the Young Medicinal Chemist Meeting in United Kingdom

Ms Sarah MEMARZADEH
(UNIVERSITY OF GLASGOW, Glasgow, United Kingdom)

17:05 OC08 - Structure Elucidation of Artificial, Self-Assembling Squalene-Conjugates and α -Peptides Winner of the Young Medicinal Chemist Meeting in Hungary

Dr Dora BOGDAN
(SEMMELWEIS UNIVERSITY, Budapest, Hungary)

17:25 OC09 - Intracellular Receptor Modulation: Intracellular Ligands for Chemokine Receptors Winner of the Young Medicinal Chemist Meeting in The Netherlands

Dr Natalia V. ORTIZ ZACARIAS
(LACDR, LEIDEN UNIVERSITY, Leiden, The Netherlands)

17:45 OC10 - A Mating Mechanism to Generate Diversity for the Darwinian Selection Of DNA-Encoded Synthetic Molecules Winner of the Young Medicinal Chemist Meeting in Switzerland

Mr Lluc FARRERA SOLER
(UNIVERSITY OF GENEVA, Geneva, Switzerland)

EFMC-YMCS 2021

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18:15 **End of Day 1**

Session DAY 1 - Networking Event

19:00 **EFMC-YSN Virtual Networking Event**

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Friday September 10, 2021

Session DAY 2 - Morning Session

Session Chair

Dr Kristina GONCHARENKO
(YOUNG SCIENTISTS NETWORK, Basel, Switzerland)

09:30 Opening

09:40 **KL02 - Discovery of Risdiplam (Evrysdi): A Medicine for the Treatment of Spinal Muscular Atrophy**

Dr Hasane RATNI
(F. HOFFMANN-LA ROCHE LTD, Basel, Switzerland)

10:10 **OC11 - Taming Multiple Contiguous Chiral Centers Through Dynamic Kinetic Resolution
Winner of the Young Medicinal Chemist Meeting in Slovenia**

Dr Andrej Emanuel COTMAN
(FACULTY OF PHARMACY, UNIVERSITY OF LJUBLJANA, Ljubljana, Slovenia)

10:30 **OC12 - Modulators of Coactivator-Associated Arginine Methyltransferase 1 (CARM-1): There and Back Again
Winner of the Young Medicinal Chemist Meeting in Italy**

Dr Ciro MILITE
(UNIVERSITY OF SALERNO, Fisciano, Italy)

10:50 **OC13 - Hydroxamic Acid-Functionalized Peptide Microarrays for the Study of Zn(II)-Dependent Histone Deacetylases
Winner of the Young Medicinal Chemist Meeting in Denmark**

Dr Carlos MORENO YRUELA
(UNIVERSITY OF COPENHAGEN, Copenhagen, Denmark)

11:10 Networking Break

11:20 **OC14 - Cleistanolate Analogues: Synthesis, Cytotoxicity and SAR Study
Winner of the Young Medicinal Chemist Meeting in Serbia**

Dr Jelena KESIC
(FACULTY OF SCIENCES, NOVI SAD, SERBIA, Novi Sad, Serbia)

11:40 **OC15 - deepSIBA: Chemical Structure-Based Inference of Biological Alterations Using Deep Learning
Winner of the Young Medicinal Chemist Meeting in Greece**

Dr Christos FOTIS
(NATIONAL TECHNICAL UNIVERSITY OF ATHENS, Athens, Greece)

12:00 **OC16 - ITH15004, A Novel Blood-Brain Barrier-Permeable P2X7 Antagonist: From Drug Design to Pharmacological Applications
Winner of the Young Medicinal Chemist Meeting in Spain**

Dr Francesco CALZAFERRI
(CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), Montpellier Cedex 5, France)

Flash Poster Presentations (Even numbers)

12:20 **FP02 - From Orthosteric and Allosteric Modulators to Dualsteric/Bitopic Ligands: a New Molecular Alliance at Cb2 Receptor**

Dr Francesca GADO
(UNIVERSITÀ DI PISA, Pisa, Italy)

FP04 - Rational Design of Light-Controlled Bioactive Compounds for Photopharmacology

Mr Piermichele KOBAURI
(UNIVERSITY OF GRONINGEN, Groningen, The Netherlands)

FP06 - Neuroprotective, Neurotrophic and Anti-Inflammatory Activity of New Synthetic Dhea Neurotrophin Mimetic Derivatives

Ms Alessia LATORRATA
(NATIONAL HELLENIC RESEARCH FOUNDATION, Athens, Greece)

FP08 - Novel Class of Antineoplastic Inhibitors: Synthetic Approach and In Vitro Assays

Mr André LUZ
(FACULTY OF PHARMACY, UNIVERSITY OF LISBON, Lagos, Portugal)

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FP10 - Comparative Study of Ck1-Crnb and Ck2-Crnb Complexes using Computational Methods

Mrs Laura MARQUEZ
(SAN PABLO CEU UNIVERSITY, Alcorcón, Madrid, Spain)

FP12 - Towards Protac-Mediated Degradation of Cbp/Ep300

Mr Leonardo PALAFERRI
(UZH, Zurich, Switzerland)

FP14 - Optimization of Compound Metabolic Stability via Shap

Dr Sabina PODLEWSKA
(MAJ INSTITUTE OF PHARMACOLOGY POLISH ACADEMY OF SCIENCES, Krakow, Poland)

FP16 - In Vivo Photocontrol of Adrenergic Neurotransmission

Dr Davia PRISCHICH
(INSTITUTE FOR BIOENGINEERING OF CATALONIA (IBEC) , Barcelona, Spain)

FP20 - Targeting Myeloid Leukemias using Human Dihydroorotate Dehydrogenase Inhibitors based on 2-Hydroxypyrazolo[1,5-A]Pyridine Scaffold: Overcoming of Metabolic Issues

Dr Chiara VIGATO
(UNIVERSITY OF TURIN, Torino, Italy)

FP18 - The E3 Platform: an Investigation of the 3D Pocket Space for Protac Design

Dr Tommaso PALOMBA
(UNIVERSITÀ DEGLI STUDI DI PERUGIA, Perugia, Italy)

12:40 End of Morning Session

13:30 Poster Session 2 (Even numbers) & Networking

Session DAY 2 - Afternoon Session

Session Chair

Dr Laetitia MARTIN
(F. HOFFMANN-LA ROCHE , Basel, Switzerland)

16:00 Preparing a Funding Proposal: Setting Yourself up for Success

Dr Kaycie BUTLER
(BUTLER SCIENTIFIC COMMUNICATIONS, Lausanne, Switzerland)

16:45 OC17 - Far-Red Fluorescent DNA Binder Allows Host-Pathogen Interaction Studies of Multidrug-Resistant Bacteria

Winner of the Young Medicinal Chemist Meeting in Germany (GDCh)

Dr Benedikt HEINRICH
(LABORARZTPRAXIS, Bad Vilbel, Germany)

17:05 OC18 - New 5-Arylideneimidazolones in the Ongoing Battle Against Bacterial and Cancer Multidrug Resistance

Winner of the Young Medicinal Chemist Meeting in Poland

Ms Aneta KACZOR
(JAGIELLONIAN UNIVERSITY, Kraków, Poland)

17:25 OC19 - Phosphorylation-Inducing Chimeric Small Molecules

Winner of the Trainee Pre-Conference Forum at the virtual 9th Annual Conference of the International Chemical Biology Society

Dr Dhanushka MUNKANATTA GODAGE
(BROAD INSTITUTE OF MIT AND HARVARD, Cambridge, United States)

17:45 KL03 - Covalent Inhibitors - From Discovery to Functionalization

Dr Nir LONDON
(THE WEIZMANN INSTITUTE OF SCIENCE, Rehovot, Israel)

18:15 Prize Ceremony & Closing

Prof. Rui MOREIRA
(UNIVERSITY OF LISBON, Lisbon, Portugal)

18:30 End of Event