

Programme

Sunday September 1, 2019

09:00 Excursions - Tour 1

14:00 Excursions - Tour 2

14:00 Registration

17:00 **Opening Lecture**
T01 - The Art and Science of Total Synthesis and Its Impact on Biology and Medicine: From the Fundamentals to the Translational
Prof. K.C. NICOLAOU
(RICE UNIVERSITY, Houston, United States)

18:30 Welcome reception

Monday September 2, 2019

- 08:30 T02 - Nature's Medicine Chest: Opportunities for Synthesis and Drug Discovery**
Prof. Margaret Anne BRIMBLE
(THE UNIVERSITY OF AUCKLAND, Auckland, New Zealand)
- 09:15 T03 - Drug Discovery in Academia**
Prof. Oliver PLETTENBURG
(LEIBNIZ UNIVERSITY HANNOVER, Hannover, Germany)
- 10:00 OC01 - to be selected from the submitted abstracts**
- 10:15 Coffee break and Exhibition**
- 10:45 T04 - Discovery of First in Class, Orally Bioavailable p300/CBP HAT Domain Inhibitors**
Dr Michael MICHAELIDES
(ABBVIE, North Chicago, United States)
- 11:30 T05 - Novel Bacterial Topoisomerase Inhibitors (NBTI) with Potent Gram-Negative Activity**
Dr Cornelia ZUMBRUNN
(IDORSIA PHARMACEUTICALS, Allschwil, Switzerland)
- 12:15 OC02 - to be selected from the submitted abstracts**
- 12:30 Lunch and Exhibition**
- 14:00 T06 - Catalytic Chirality Generation: New Strategies for Organic Synthesis**
Prof. John BOWER
(UNIVERSITY OF BRISTOL, Bristol, United Kingdom)
- 14:45 T07 - Synthesis of Versatile Intermediates Through Copper Catalysis**
Prof. Mariola TORTOSA
(AUTONOMOUS UNIVERSITY OF MADRID, Madrid, Spain)
- 15:30 OC03 - to be selected from the submitted abstracts**
- 15:45 Coffee break and Exhibition**
- 16:15 OC04 - EFMC Prize Winner EFMC-YMCS 2016**
- 16:30 T08 - Photoinduced Assembly of C–N Bonds**
Dr Daniele LEONORI
(UNIVERSITY OF MANCHESTER, Manchester, United Kingdom)
- 17:15 T09 - Practical Heteroatom- and Group-Transfer Reactions**
Dr Laszlo KURTI
(RICE UNIVERSITY, Houston, United States)

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18:00 Closing of the day

Tuesday September 3, 2019

- 08:30 T10 - Design and Synthesis of Chemical Probes for Bromodomains**
Prof. Stuart CONWAY
(UNIVERSITY OF OXFORD, Oxford, United Kingdom)
- 09:15 T11 - Title to be announced**
Dr Kim HUARD
(GENENTECH, San Francisco, United States)
- 10:00 OC05 - to be selected from the submitted abstracts**
- 10:15 Coffee break and Exhibition**
- 10:45 T12 - A Chemical Approach to Map Protein Interactions at the Cell Surface**
Dr Erik HETT
(MERCK EXPLORATORY SCIENCE CENTER, Boston, United States)
- 11:30 T13 - From Fragments to Antibody Drug Conjugates in Emerging Oncology Targeted Therapies**
Dr Laurent SCHIO
(SANOFI, Vitry sur Seine, France)
- 12:15 OC06 - to be selected from the submitted abstracts**
- 12:30 Lunch and Exhibition**
- 13:30 Poster session**
- 14:30 T14 - Awareness of PAINS (Pan Assay Interference Compounds) can Accelerate the Drug Discovery Process**
Prof. Jonathan BAELL
(MONASH UNIVERSITY, Parkville, Australia)
- 15:15 T15 - Artificial Intelligence in ADMET Modeling and Compound Profiling**
Dr Karl-Heinz BARINGHAUS
(SANOFI, Frankfurt, Germany)
- 16:00 OC07 - to be selected from the submitted abstracts**
- 16:15 Coffee break and Exhibition**
- 16:45 T16 - Sustainable by Design Anti-Trypanosomatid Small Molecules: an Aspirational Goal for Medicinal Chemistry**
Prof. Maria Laura BOLOGNESI
(UNIVERSITY OF BOLOGNA, Bologna, Italy)
- 17:30 T17 - Artificial Intelligence in de Novo Molecular Design**
Dr Ola ENKQVIST
(ASTRAZENECA, Mölndal, Sweden)

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18:15 Closing of the day

Wednesday September 4, 2019

- 08:30 T18 - Amides and Chemical Education as Vehicles for Innovation**
Prof. Neil GARG
(UNIVERSITY OF CALIFORNIA, Los Angeles, United States)
- 09:15 T19 - Discovery of AZD5718, a Novel 5-lipoxygenase Activating Protein (FLAP) Inhibitor**
Dr Malin LEMURELL
(ASTRAZENECA, Mölndal, Sweden)
- 10:00 OC08 - to be selected from the submitted abstracts**
- 10:15 Coffee break and Exhibition**
- 10:45 T20 - Design and Implementation of de Novo Biosynthetic Cascades**
Prof. Sabine FLITSCH
(UNIVERSITY OF MANCHESTER, Manchester, United Kingdom)
- 11:30 T21 - Catalysis for Total Synthesis**
Prof. Alois FÜRSTNER
(MAX PLANCK INSTITUT FÜR KOHLENFORSCHUNG, Muelheim an der Ruhr, Germany)
- 12:15 OC09 - to be selected from the submitted abstracts**
- 12:30 Lunch and Exhibition**
- 13:30 Poster session**
- 14:30 T22 - Development and Application in Flow of Sustainable Synthetic Methodologies that Use Singlet Oxygen as Green Oxidant and Cascade Reaction Facilitator**
Prof. Georgios VASSILIKOGIANNAKIS
(UNIVERSITY OF CRETE, Heraklion, Greece)
- 15:15 OC10 - EFMC Prize for a Young Medicinal Chemist in Academia**
- 15:30 OC11 - EFMC Prize for a Young Medicinal Chemist in Industry**
- 15:45 Coffee break and Exhibition**
- 16:15 T23 - Flow Chemistry and photochemistry as a Tool for Drug Discovery**
Dr Jesus ALCAZAR
(J&J PHARMACEUTICAL RESEARCH AND DEVELOPMENT, Toledo, Spain)
- 17:00 Closing of the day**
- 20:00 Banquet**

Thursday September 5, 2019

- 08:30** **T24 - You Get What You Start With - Next Generation EGFR TKIs**
Dr Harald ENGELHARDT
(BOEHRINGER-INGELHEIM, Vienna, Austria)
- 09:15** **T25 - RNA Therapeutics: New Chemical Modalities Becoming a Therapeutic Reality**
Dr Konrad BLEICHER
(F.HOFFMANN-LA ROCHE LTD, Basel, Switzerland)
- 10:00** **OC12 - to be selected from the submitted abstracts**
- 10:15** **Coffee break and Exhibition**
- 10:45** **T26 - TLR7/8 Antagonists: from Screening to in vivo Potency**
Dr Claudia BETSCHART
(NOVARTIS INSTITUTES FOR BIOMEDICAL RESEARCH, Basel, Switzerland)
- 11:30** **T27 - Allosteric Activation of a Master Metabolic Regulator AMPK: Drug Discovery Opportunities and Challenges**
Dr Kimberly CAMERON
(PFIZER, Cambridge, United States)
- 12:15** **Closing remarks**
- 12:30** **End of the Symposium**