

2nd Conference on Innovative Chemistry and Chemical Biology

Thursday 1.10.		
8:30 – 9:30	REGISTRATION	
	CHAIR: Alexander Dömling	
9:30 – 9:50	Alexander Dömling	Opening speech
9:50 – 10:00	Pavel Banáš	Introductory speech
10:00 – 10:40	Bernhard Westermann	Phytoceramides – Scaffold Diversification and Applications as Adjuvants
10:40 – 11:00	Imma Capriello	From Droplets to Staples: Echo-Enabled Ugi-4CR Peptide Stapling for Targeting p53–MDM2
11:00 – 11:20	Elisabetta La Scola	From Modular synthesis to systematic interrogation of triazolopiperazine reaction space
11:20 – 12:00	Matthew Groves	Allosteric Inhibition in Aspartate Transcarbamylase: Applications from malaria to herbicides
12:00 – 13:00	LUNCH	
	CHAIR: Bernhard Westermann	
13:00 – 13:40	Petr Džubák	Reading a compound's mechanism of action with Cell Painting
13:40 – 14:00	Emis Ingenito	Automated nanolitre chemistry for direct-to-biology IL-17A hit discovery
14:00 – 14:20	Kaoud Salama	One Reaction, Multiple Rings: Automated Discovery of Ring-Divergent Ugi Chemistry
14:20 – 15:00	Shabnam Shaabani	Drug Discovery Acceleration by Automated Chemistry and Direct to Biology
15:00 – 15:30	COFFEE BREAK	
	CHAIR: Jacek Plewka	
15:30 – 16:10	Katarzyna Magiera-Mularz	Beyond binding: structural biology and NMR insights into protein modulation
16:10 – 16:30	Foteini Kakari	C-N Atropisomerism: Built by MCRs
16:30 – 17:10	Philip Elsinga	Challenges in synthesis of 18F-tracers for Positron Emission Tomography
17:10 – 17:30	Maria-Aikaterini Giannakaki	A Telescoped One-pot Strategy for Functionalized Fused Heterocycles
17:30	END OF THE 1ST DAY	

Friday 2.10.		
CHAIR: Dinos Neochoritis		
9:00 – 9:40	Andreas Brunschweiger	Synthesis and screening of DNA-encoded macrocycle libraries
9:40 – 10:00	Vishwanatha Thimmalapura Marulappa	One-Pot Installation of Backbone-Embedded Pyrazoles in Peptides and its application to bioconjugation
10:00 – 10:20	Riccardo Fusco	Reading a reaction space: quantum-chemical descriptors and machine learning for a triazolopiperazine library
10:20 – 11:00	Tryfon Zarganis-Tzitzikas	Developing GAL3 Degraders for the Treatment of Alzheimer’s Disease
11:00 – 11:20	Mayur Mukim	From Reaction Discovery to Reaction Grammar: A Topology-Generating Split-Interrupted Oxo-Carboxylic Acid Multicomponent Reaction
11:20 – 12:20	LUNCH	
CHAIR: Katarzyna Magiera-Mularz		
12:20 – 13:00	Jacek Plewka	Small Molecule LAG-3 Inhibitors Synergize with Anti-PD-L1 Therapy in Cancer Immunotherapy
13:00 – 13:20	Samatha Masineni	Multicomponent Reaction-Based Synthesis and Anticancer Screening of Novel Benzo[f]tetrazolo[1,5-a][1,4]diazepines
13:20 – 13:40	Thiago Moreira Pereira	Development of TMP-0193: A novel modulator of cardiac diastolic function
13:40 – 14:20	Dinos Neochoritis	MCRs: Unlocking Chemical Space From Molecular Diversity to Function and New Modalities
14:20	END OF THE CONFERENCE	