

„Chemistry at the Via Carolina“

IOCB Prague and DCP FAU Erlangen-Nürnberg
 Symposium: Friday, June 7th, 2019

**HS C3, Chemikum,
 FAU Erlangen-Nürnberg,
 Nikolaus-Fiebiger-Str.
 10, 91058 Erlangen**

9:15 – 9:20

Welcome

9:20 – 11:00

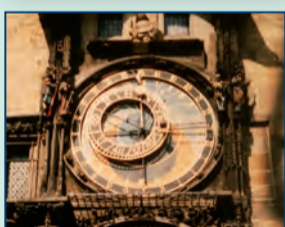


- Tomáš Martinek:** Blue electrons in liquid ammonia: Calculations inspired by throwing sodium into water
- Katharina Thum:** Alkene Transfer Hydrogenation with Simple Alkaline Earth Metal Catalysts
- Daniel Bím:** Toward Selective Activation of C-H Bonds
- Alexander Friedrich:** Molecule Activation with Highly Lewis Acidic Cationic Mg Complexes
- Athanasios Markos:** N-Fluoroalkyl-1,2,3-triazoles: Easily available compounds with high synthetic potential

11:00 – 11:20

Coffee Break

11:20 – 13:00

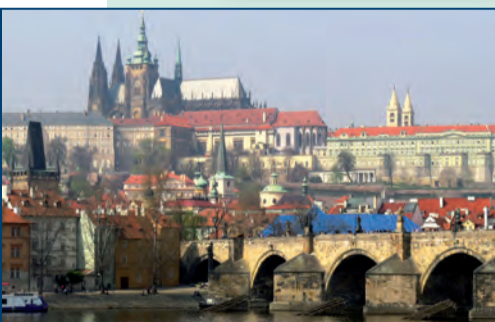


- Benjamin Fabre:** Multipodal compounds as insulin/IGF-1 mimetics
- Sewar Alkhashrom:** Exploration and modulation of herpesvirus protein- protein interaction using peptides as binding site mimics
- Miroslav Kašpar:** Synthesis of novel bile acids for Farnesoid X Receptor
- Aysun Capci:** Design and synthesis of natural product hybrids highly active against malaria, cancer, and viruses
- Oldrich Hudeček:** Dinucleoside Polyphosphates Act as 5'-RNA Caps

13:00 - 14:20

Lunch Break

14:20 – 16:00



- Anna Pirzer:** Synthesis and biological evaluation of novel subtype-selective dopamine D4 receptor ligands
- Tomáš Mašek:** Oxidative Intermediate Switching for the Synthesis of Stilben-olignans
- Marie-L. Heymich:** Plant foods as a source of antimicrobial peptides for food preservation
- Pedro Güixens:** Fluorescent nucleotides as tools for studying the DNA interactions
- Jan Hellmann:** Structure-based development of subtype-selective orexin 1 receptor antagonists

16:00 – 16:20

Coffee Break

16:20 – 18:00

- Guillaume Bastien:** 2D Arrays of Molecular Switches
- Oliver Fischer:** Biphenyl carbamates as selective M3 muscarinic acetylcholine receptor ligands
- Václav Houska:** Helicene-Based Macrocycles: Synthesis and On-Surface Self-Assembly