

Time	Speaker	Institution	Research Topic
09:00 – 09:15	Welcome & Introduction		
09:15 – 10:15	SCIENTIFIC SESSION I	<i>Chair: Ondřej Baszczyński</i>	
09:15 – 09:22	Markéta Martínková	Faculty of Science, Charles University	Heme sensor proteins
09:22 – 09:30	Mufarrah Mehboob	Institute of Microbiology, CAS	Exploring the Antibiotic-Responsive Regulatory Function of ABCF Proteins in Antibiotic-Producing Bacteria
09:30 – 09:37	Olga Heidingsfeld	Faculty of Science, Charles University	Pathogenic yeasts, namely <i>Candida</i> spp. Focus on proteins
09:37 – 09:45	Pavla Perlíková	University of Chemistry and Technology	Medicinal Chemistry
09:45 – 09:52	Petr Novák	Institute of Microbiology, CAS	Structural and clinical proteomics
09:52 – 10:00	Michal Hocek	Institute of Organic Chemistry and Biochemistry, CAS	Chemical biology of nucleic acids
10:00 – 10:07	Vanessa Loiacono	Charles University	Organellar Gene Expression
10:15 – 10:45	Coffee Break		Networking
10:45 – 11:45	SCIENTIFIC SESSION II	<i>Chair: Jan Černý</i>	
10:45 – 10:52	Marian Novotný	Charles University	Structural bioinformatics
10:52 – 11:00	Eva Benešová	University of Chemistry and Technology	Asparaginases in medicine and food industry
11:00 – 11:07	Tomáš Kovař	Institute of Biotechnology, CAS	Structural biology
11:07 – 11:15	Vladimír Raus	Institute of Macromolecular Chemistry, CAS	Polymer chemistry. Polymers for the isolation of membrane proteins.
11:15 – 11:22	Jana Dvořáková	Institute of Macromolecular Chemistry, CAS	Development of polymer-based inks for 3D bioprinting
11:22 – 11:30	Jana Voříšková	Institute of Microbiology, CAS	Environmental microbiology
11:45– 13:00	Lunch Break		Lunch & Networking
13:00 – 14:00	SCIENTIFIC SESSION III	<i>Chair: Pavla Perlíková</i>	
13:00 – 13:07	Denisa Lizoňová	University of Chemistry and Technology	Drug delivery, controlled release, advanced in vitro models
13:07 – 13:15	Peter Košovan	Charles University	Modeling of charged macromolecules
13:15 – 13:22	Ondřej Baszczyński	Faculty of Science, Charles University	Medicinal Chemistry
13:22 – 13:30	Viliam Kolivoška	Heyrovský Institute, CAS	Electrochemistry, biophysics
13:30 – 13:37	Ondřej Vaněk	Faculty of Science, Charles University	Structural biochemistry of immune recognition
13:37 – 13:45	Lenka Šlachťová	Institute of Experimental Medicine, CAS	ALS, genomics, neurodegenerative diseases
13:45 – 13:52	Alena Pecinová	Institute of Physiology, CAS	Lipid remodelling during metabolic challenges
14:00 – 14:30	Coffee Break		Networking

14:30 – 15:30	SCIENTIFIC SESSION IV	<i>Chair: Ondřej Baszczyński</i>	
14:30 – 14:37	Zuzana Sumbalová Koledová	Institute of Molecular Genetics, CAS	Tissue morphogenesis & cancer; mammary gland formation and breast cancer
14:37 – 14:45	Sándor Forczek	Institute of Experimental Botany, CAS	Constructed wetlands, water pollution, biochar
14:45 – 14:52	Marie Kodedová	Faculty of Mathematics and Physics, Charles University	Action mechanism of new antifungal agents (fluorescence methods)
14:52 – 15:00	Gabriela Křiváková/Ivana Vonková	CZ-OPENSREEN / Institute of Molecular Genetics, CAS	Chemical biology, High-throughput screening
15:00 – 15:07	Helena Janíčková	Institute of Physiology, CAS	Acetylcholine receptors and their role in behavioral control
15:07 – 15:15	Lukáš Chmátal	Institute of Physiology, CAS	Sex differences in metabolism
15:30 – 15:50	Round Table Discussion		How to effectively collaborate in Chem, MedChem and Biology
15:50 – 16:00	Closing Remarks		