Scientific Programme for CSK2023

Talk	Invited Talk	Student Lecture	Other

Wednesday 14.6.

15:00	On-site registration open (conference badges, materials, ...)
	Session I, chair: Michal Cifra
17:50 - 18:00	Welcome and opening remarks
18:00 - 19:00	Microtubule Aster Can Not Self-Center **Manuel Théry** – Invited Talk *CEA, France*
19:15 - ...	Dinner, welcome party

Thursday 15.6.

8:00 - 9:00	Breakfast
	Session II, chair: Pavel Dráber
9:00 - 9:25	Evolution of Actomyosin-driven Morphogenesis **Sjak van Grootel** – Student Lecture *Institute of Molecular Genetics of the Czech Academy of Sciences*
9:25 - 9:50	CKAP5 in Neuronal Growth Cones **Miroslav Bašta** – Student Lecture *Laboratory of Molecular Genetics of Development, Faculty of Science, Charles University*
9:50 - 10:15	Could Mechanical Stress Drive DNA Damage and Carcinogenesis? **Petra Novotná** – Student Lecture *Laboratory of Integrative Biology, Institute of Molecular Genetics of the Czech Academy of Sciences, Prague, Czech Republic*
10:15 - 10:40	The Role of Plectin-Mediated Cytoskeletal Crosstalk in Hepatocellular Carcinoma **Zuzana Outlá** – Student Lecture *Laboratory of Integrative Biology, Institute of Molecular Genetics of the Czech Academy of Sciences, Prague, Czech Republic*
10:40 - 11:10	Coffee break
	Session III, chair: Teije C. Middelkoop
11:10 - 11:35	Severing Factors Enhance Actin Ring-like Network Contraction **Roman Podhájecký** – Student Lecture *Institute of Biotechnology of the Czech Academy of Sciences* *Charles University, Faculty of Science*
11:35 - 12:00	Cytokinetic Actin-binding Protein Anillin is Connected to Actomyosin Contractility in Human Neural Precursor Cells **Štěpánka Tomášová** – Student Lecture *Laboratory of Molecular Genetics of Development, Department of Cell Biology, Faculty of Science, Charles University, Czech Republic*
12:00 - 12:25	Intense Electric Field Effects on Cytoskeletal Proteins: From Simulations to Experiments **Michal Cifra** *Institute of Photonics and Electronics of the Czech Academy of Sciences*
12:30 - 13:30	Lunch

	Session IV, chair: Michal Cifra
13:30 - 14:30	Microtubule Lattice Dynamics **Laura Schaedel** – Invited Talk *Saarland University, Germany*
14:30 - 14:45	Company Talk **Merck**
14:45 - 15:00	Company Talk **Svenbiolabs/Olympus**
15:00 - 15:15	Company Talk **KRD**
15:15 - 15:45	Coffee break
	Session V, chair: Michal Cifra
15:45 - 16:45	The Anillin Link: Uncovering a Contractile Microtubule-Actin Crosstalk **Ondřej Kučera** – Invited Talk *South East Technological University, Cork Road Campus, Waterford, Ireland* *Institute of Biotechnology of the Czech Academy of Sciences, BIOCEV, Vestec, Czechia*
16:45 - 18:00	Panel discussion with invited speakers on career development - for students and junior researchers
18:30 - ...	Wine tasting, dinner, spa/swimming pool networking session

Friday 16.6.

8:15 - 9:15	Breakfast
	Session VI, chair: Lenka Libusová
9:15 - 9:40	Regulation of Microtubule Nucleation by ARF GTPase-activating Protein GIT2 **Vadym Sulimenko** *Department of Biology of Cytoskeleton, Institute of Molecular Genetics, Czech Academy of Sciences*
9:40 - 10:05	Microtubule-associated ATP Facilitates Protective Functions of Tau **Marcus Braun** *Institute of Biotechnology of the Czech Academy of Sciences, BIOCEV, Prague*
10:05 - 10:30	Dynamics of Life at the Single-protein Level **Marek Piliarik** *Institute of Photonics and Electronics of the Czech Academy of Sciences*
10:30 - 10:45	Company Talk **iBiotech**
10:45 - 11:00	Coffee break
	Session VII, chair: Marek Piliarik
11:00 - 11:25	Ultrafast Tracking of Microtubule-Associated Proteins: Unveiling Stochastic Motion and Interactions at Unprecedented Spatiotemporal Resolution using iSCAT Microscopy **Łukasz Bujak** *Institute of Photonics and Electronics of the Czech Academy of Sciences*
11:25 - 11:50	An Evo-devo View of Plant Cell Morphogenesis: Some Case Studies **Fatima Cvrčková** *Dept. of Experimental Plant Biology, Faculty of Science, Charles University, Prague, CZ*
11:50 - 12:00	Closing remarks, **best student lecture announcement**
12:00	Lunch