

Dynamics of biological systems: from viruses to populations

Wednesday, 23 September 2020

Afternoon Session: Bacteria (14:00 - 16:55)

time	[id] title	presenter
14:00	[6] Drug interactions between translation-inhibiting antibiotics	BOLLENBACH, Tobias
14:40	[74] Ribosome traffic jams underlie suppressive drug interactions	KAVČIČ, Bor
15:00	[67] To make things simpler: classical Powell's ideas for describing bacterial population revisited.	RUBIN, Marcin
15:15	[77] High-throughput screening and selection of electrogenic microbial communities using single chamber microbial fuel cells based on 96-well plate array	SZYDLOWSKI, Lukasz
15:30	Coffee Break	
15:35	[57] Eco-evolutionary interactions in polymicrobial infections	DE VOS, Marjon
16:05	[10] Building clone-consistent ecosystem models	ANSMANN, Gerrit
16:25	[8] Genomic epidemiology, sex & evolution of bacterial sugars	Dr MOSTOWY, Rafał

Afternoon Session: Mindfulness for Academics (17:00 - 17:30)

Thursday, 24 September 2020

Afternoon Session: Cells II (14:00 - 15:55)

time	[id] title	presenter
14:00	[69] Dynamics of cell migration process	RAJFUR, Zenon
14:40	[72] Chemotaxis impact on a Turing reaction-diffusion system	FRAGA DELFINO KUNZ, Camile
14:55	[68] How cell growth, division, and stochastic gene expression contribute to the protein noise floor	OCHAB-MARCINEK, Anna
15:25	[64] The many ends of a never-ending story: Deriving the Drosophila gap gene system by ab-initio optimization	SOKOLOWSKI, Thomas

Afternoon Session: Social Event (16:00 - 17:00)

Friday, 25 September 2020

Afternoon Session: Medical Biology (14:00 - 16:55)

time	[id] title	presenter
14:00	[59] Predictive models of bacterial response and the evolution of resistance to antibiotics	WACLAW, Bartłomiej
14:40	[61] Mathematical Investigation of Early Atherosclerosis	Dr MUKHERJEE, Debasmita
15:00	[73] Challenges in the Boron Neutron Capture Therapy	SILARSKI, Michal
15:20	Coffee Break	
15:30	[71] Bio-electric phenomena during growth and regeneration	JEDRYSZEK, Jan
15:45	[9] Structural and Functional Genomics of the Human Gut Microbiome	KOŚCIÓŁEK, Tomasz
16:15	[63] [CANCELLED] Coagulation cascade as a dynamic biological system	Prof. STĘPIEŃ, Ewa