

“Advances in Biomedical Research III”

June 17th – 21st 2019

Mediterranean Institute for Life Sciences (MedILS), Split, Croatia

Final Programme

June 17 (Monday) 2019

11:00 – 17:00	Arrival & Registration
18:15 – 18:20	Opening Keynote INTRODUCTION of the Speaker by Igor Stagljär
18:20 – 19:00	Anna Akhmanova (Utrecht University, The Netherlands) “Regulation of microtubule dynamics: seeing proteins and drugs in action”
19:00 – 21:00	Songs, Mediterranean food and wine
20:00 – 22:00	Adriatic driftwood paintings by Mrs Lucija Rilov (https://turtula.com/?lang=en)

June 18 (Tuesday) 2019

09:00 – 13:00	Morning session “Cancer I” SESSION CHAIR: Ursula Klingmüller (DKFZ, Heidelberg, Germany)
09:00 – 09:35	Giulio Superti-Furga (Center for Molecular Medicine (CeMM), Austria) “Transporters as enablers and integrators of cellular function”
09:35 – 10:10	Marion Wiesmann (Novartis, Switzerland) “Targeting protein-protein interactions to identify anticancer drugs”
10:10 – 11:00	Coffee break
11:00 – 11:35	Igor Stagljär (University of Toronto, Canada) “Toward Precision Medicines With Next-Generation EGFR inhibitors”
11:35 – 12:10	Mark Lemmon (Yale University) “Dynamic view of receptor tyrosine kinase signaling specificity”
12:10 – 12:35	Igor Jurisica (University Health Network, Toronto, Canada) “Explaining Disease Models by Integrated Networks”
12:35 – 13:10	Michael Bergmann (Medical University of Vienna) “Interplay of therapy and tumor microenvironment in human colorectal cancer”
13:15 – 14:00	Lunch
14:00 – 15:00	1st WORKSHOP – “Women in Science” Moderator: Igor Stagljär (University of Toronto, Canada) Panel Members: Mirella Bucci (Nature Chemical Biology) Ursula Klingmüller (DKFZ, Germany) Heidi McBride (McGill University) Marion Wiesmann (Novartis) Anna Akhmanova (Utrecht University)
15:00 – 17:30	Free activities / Coffee break
17:30 – 20:00	Evening session “Cancer II” SESSION CHAIR: Mark Lemmon (Yale University, USA)
17:30 – 18:05	Domagoj Vučić (Genentech, USA) “Targeting RIP kinases provides therapeutic benefit in inflammatory diseases”
18:05 – 18:40	Michael Hottiger (University of Zurich, Switzerland) “Protein ADP-ribosylation in health and disease”
18:40 – 19:15	Matteo Bellone (San Raffaele Scientific Institute, Milano, Italy) “Microbiota-immune cell crosstalk in the progression of multiple myeloma”
19:15 – 19:35	SOP 20 min from Abstract (15+5min): Robin Ketteler (University College London, UK) “Systems biology approaches to investigate cancer signaling”
19:35 – 19:50	SOP 15 min from Abstract (12+3min) Andreas Ernst (Fraunhofer Institute for Molecular Biology and Applied Ecology, Frankfurt, Germany) “Competitive Inhibitors of Ras Effector Binding”
19:50 – 20:10	SOP 15 min from Abstract (12+3min): Jean-François Rual (University of Michigan, Ann Arbor, USA) “L3MBTL3 is a novel suppressor of medulloblastoma tumorigenesis”
20:10 – 21:15	Dinner
21:15 – 23:00	Poster session I
21:00 – 23:00	Adriatic driftwood paintings by Mrs Lucija Rilov (https://turtula.com/?lang=en)

June 19 (Wednesday) 2019

Morning session “Neuroscience and trafficking” SESSION CHAIR Heidi McBride (McGill University, Canada)	
09:00 – 09:35	Michel Desjardins (University of Montreal, Canada) “Autoimmune mechanisms in Parkinson’s disease”
09:35 – 10:10	Mohan Babu (University of Regina, Canada) “Mitochondrial Connectivity Landscape During Neuronal Reprogramming and Its implication in Neurodegeneration”
10:10 – 10:35	Moritz Rossner (Ludwig-Maximilians University, Munich, Germany) “Applying Barcoded Split TEV Assays to Dissect Molecular Specificities of ERBB Family Kinase Inhibitors”
10:35 – 11:55	SOP 20 min from Abstract: Arezu Jahani-Asl (McGill University, Montreal, Canada) “Control of Mitochondrial Respiration and Resistance to Ionizing Radiation via Cytokine Receptors”
11:00 – 11:15	Coffee break
11:15 – 11:50	Peter McPherson (McGill University, Canada) “DENN domain proteins and their substrates in disease”
11:50 – 12:25	David Thomas (McGill University, Montreal, Canada) “Curing protein trafficking diseases”
12:25 – 12:40	15 min talk: Nenad Bach (https://nenadbachband.com/) “Ping Pong Parkinson”
13:00 – 14:00	Lunch
14:00 – 18:00	Free activities
18:00 – 21:00	Excursion (Walking Tour Split + dinner in town)

June 20 (Thursday) 2019

09:00 – 13:00	Morning session “Cancer Immunotherapy & signalling” SESSION CHAIR: Matteo Bellone (San Raffaele Scientific Institute, Italy)
09:00 – 09:35	Adelheid Cerwenka (Heidelberg University, Medical Faculty Mannheim, Germany) “Harnessing innate immunity for immunotherapy of solid cancer”
09:35 – 10:10	Olivier Demaria (France) “Harnessing Innate Immunity for new generation cancer therapies”
10:10 – 10:45	Jan Tavernier (Ghent University, Ghent, Belgium) “Actakines: a novel class of immunocytokines”
10:45 – 11:10	Armin Pause (McGill University, Montreal, Canada) “Energy sensing and disease: the FLCN/mTOR/AMPK pathway”
11:10 – 11:30	Coffee break
11:30 – 12:05	Heidi McBride (McGill University, Montreal) “Complex roles of a mitochondrial SUMO ligase in cancer”
12:05 – 12:40	Jose Rodriguez Medina (University of Puerto Rico, San Juan) “Novel Stress Response Signaling Complexes of <i>Saccharomyces cerevisiae</i> ”
12:40 – 13:15	Siniša Volarević (Faculty of Medicine, University of Rijeka, Croatia) “Impaired ribosome biogenesis and diseases”
13:15 – 14:15	Lunch Lunch Seminar by ThermoFischerScientific <i>The New Pace of Discovery – Intelligence Driven Mass Spectrometry</i>
14:15 – 15:15	2nd WORKSHOP – “Behind the Scenes of Scientific Publishing” Mirella Bucci (Nature Chemical Biology)
15:15 – 18:00	Free activities / Coffee break
17:30 – 20:00	Evening session “Cancer III” SESSION CHAIR: Yossi Yarden (Weizmann Institute, Rehovot, Israel)
17:30 – 18:05	Stephane Angers (University of Toronto, Canada) “Targeting Wnt signaling in cancer and regenerative medicine”
18:05 – 18:40	William Muller (McGill University, Montreal, Canada) “Oncogene-mediated signal transduction in transgenic mouse models of human breast cancer”

18:40 – 19:15	Kevin Adam (The Salk Institute for Biological Studies, La Jolla, USA) “Chasing the not so elusive histidine phosphorylation and their signaling in Neuroblastoma”
19:15 – 19:35	Kjetil Taskén (Oslo University Hospital, Norway) “Cancer Drug Sensitivity Screening and Precision Cancer Medicine for B-Cell Malignancies”
19:35 – 19:50	SOP 15min from Abstract: Simona Kostova (Max Delbrück Center for Molecular Medicine, Berlin, Germany) “Functional characterization of a novel p97: ASPL protein complex”
19:50 – 20:05	SOP 15min from Abstract: Kathryn Ferguson (Yale University School of Medicine, New Haven, CT, USA) “Mechanisms of activation of receptor tyrosine kinases with membrane proximal FNIII domains”
20:00 – 21:00	Dinner
21:00 – 23:00	Poster session II
21:00 – 23:00	Adriatic driftwood paintings by Mrs Lucija Rilov (https://turtula.com/?lang=en)

June 21 (Friday) 2019

09:00 – 13:00	Morning session “Systems Approaches in Disease” SESSION CHAIR: Stephane Angers (University of Toronto, Canada)
09:00 – 09:35	Jason Moffat (University of Toronto, Canada) “Genetic interaction networks in cancer cells”
09:35 – 10:10	Ursula Klingmüller (DKFZ, Heidelberg, Germany) “The tumor microenvironment and the role of TGFbeta”
10:10 – 10:45	Gordan Lauc (University of Zagreb and Genos, Zagreb, Croatia) “The Human Glycome Project”
10:45 – 11:20	George Slavich (UCLA, Los Angeles, USA) “Human Social Genomics: Recent Advances and Clinical Implications”
11:20 – 11:40	Coffee break
11:40 – 12:05	Miroslav Radman (MedILS, Split, Croatia) “Phenomenology of ageing and age-related diseases”
12:05 – 12:30	Vlatka Zoldos (University of Zagreb, Croatia) “Is epigenetic silencing of the HNF1A gene a novel molecular pathway to diabetes”
12:30 – 12:45	SOP 15min from Abstract: Sumana Sharma (Wellcome Sanger Institute, Cambridge, UK) Genome-scale CRISPR-based approaches for identification of cell surface receptor-ligand interactions
12:45 – 13:00	SOP 15min from Abstract: Wei Zhang (University of Guelph, Canada) “Engineering protein-protein interactions to probe and rewire cell signaling”
13:00 – 13:05	Closing Keynote INTRODUCTION of the Speaker by Miroslav Radman
13:05 – 13:50	Yosef Yarden Weizmann Institute, Rehovot, Israel) “Engineered systems, biological networks and relevance to medicine”
13:50 – 14:30	Lunch
14:30 – 20:00	Free activities
20:00 – 24:00	Conference Banquet

June 22 (Saturday) 2019

Departure