

“Advances in Biomedical Research III”

June 17th – 21st 2019

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

Final Programme

June 17 (Monday) 2019		June 19 (Wednesday) 2019		June 21 (Friday) 2019	
11:00 – 17:00	Arrival & Registration	21:00 – 23:00	Adriatic driftwood paintings by Mrs Lucija Rilov (https://turtula.com/?lang=en)	17:30 – 18:05	Stephane Angers (University of Toronto, Canada) “Targeting Wnt signaling in cancer and regenerative medicine”
18:15 – 18:20	Opening Keynote INTRODUCTION of the Speaker by Igor Stagljär	June 19 (Wednesday) 2019		18:05 – 18:40	William Muller (McGill University, Montreal, Canada) “ β 1 integrin signaling is required to inactivate both Rb and p53 tumor suppressor check-points in a luminal B model of breast cancer progression”
18:20 – 19:00	Anna Akhmanova (Utrecht University, The Netherlands) “Regulation of microtubule dynamics: seeing proteins and drugs in action”	Morning session “Neuroscience and trafficking” SESSION CHAIR Heidi McBride (McGill University, Canada)		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 “
19:00 – 21:00	Songs, Mediterranean food and wine	09:00 - 09:35	Michel Desjardins (University of Montreal, Canada) “The link between gut infection, autoimmunity and Parkinson’s disease”	19:15 – 19:35	Kjetil Taskén (Oslo University Hospital, Norway) “Cancer Drug Sensitivity Screening and Precision Cancer Medicine for B-Cell Malignancies”
20:00 - 22:00	Adriatic driftwood paintings by Mrs Lucija Rilov (https://turtula.com/?lang=en)	09:35 - 10:10	Mohan Babu (University of Regina, Canada) “Mitochondrial Connectivity Landscape During Neuronal Reprogramming and Its implication in Neurodegeneration”	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”
June 18 (Tuesday) 2019		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”	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”
09:00 - 13:00	Morning session “Cancer I” SESSION CHAIR: Ursula Klingmüller (DKFZ, Heidelberg, Germany)	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”	20:00 – 21:00	<i>Dinner</i>
09:00 - 09:35	Giulio Superti-Furga (Center for Molecular Medicine (CeMM), Austria) “Transporters as enablers and integrators of cellular function”	11:00 - 11:15	<i>Coffee break</i>	21:00 – 23:00	Poster session II
09:35 - 10:10	Marion Wiesmann (Novartis, Switzerland) “Targeting protein-protein interactions to identify anticancer drugs”	11:15 - 11:50	Peter McPherson (McGill University, Canada) “Alterations in Rab-mediated membrane trafficking in neurological disease”	21:00 – 23:00	Adriatic driftwood paintings by Mrs Lucija Rilov (https://turtula.com/?lang=en)
10:10 -10:45	Fred de Sauvage (Genentech, USA) “Tumour cell plasticity as a challenge for targeted therapies”	11:50 - 12:25	David Thomas (McGill University, Montreal, Canada) “Curing protein trafficking diseases”	June 21 (Friday) 2019	
10:45 - 11:00	<i>Coffee break</i>	12:25 - 12:40	15 min talk: Nenad Bach (https://nenadbachband.com/) Ping Pong Parkinson “Testimonial, the diagnosis and activity that prolonged my life”	09:00 – 13:00	Morning session “Systems Approaches in Disease” SESSION CHAIR: Stephane Angers (University of Toronto, Canada)
11:00 - 11:35	Igor Stagljär (University of Toronto, Canada) “Toward Precision Medicines With Next-Generation EGFR inhibitors”	13:00 – 14:00	<i>Lunch</i>	09:00 – 09:35	Jason Moffat (University of Toronto, Canada) “Charting genetic interactions in mammalian cells”
11:35- 12:10	Mark Lemmon (Yale University) “Dynamic view of receptor tyrosine kinase signaling specificity”	14:00 - 18:00	<i>Free activities</i>	09:35 – 10:10	Ursula Klingmüller (DKFZ, Heidelberg, Germany) “The tumor microenvironment and the role of TGF β ”
12:10 - 12:35	Igor Jurisica (University Health Network, Toronto, Canada) “Explaining Disease Models by Integrated Networks”	18:00 – 21:00	Excursion (Walking Tour Split + dinner in town)	10:10 – 10:45	Gordan Lauc (University of Zagreb and Genos, Zagreb, Croatia) “The Human Glycome Project - exploring the new frontier in personalised medicine”
12:35 – 13:10	Michael Bergmann (Medical University of Vienna) “Interplay of therapy and tumor microenvironment in human colorectal cancer”	June 20 (Thursday) 2019		10:45 – 11:20	George Slavich (UCLA, Los Angeles, USA) “Human Social Genomics: Recent Advances and Clinical Implications”
13:15 – 14:00	<i>Lunch</i>	09:00 – 13:00	Morning session “Cancer Immunotherapy & signalling” SESSION CHAIR: Matteo Bellone (San Raffaele Scientific Institute, Italy)	11:20 – 11:40	<i>Coffee break</i>
	<i>1st WORKSHOP – “Women in Science”</i> <i>Moderator: Igor Stagljär (University of Toronto, Canada)</i> <i>Panel Members:</i> <i>Mirella Bucci (Nature Chemical Biology)</i> <i>Ursula Klingmüller (DKFZ, Germany)</i> <i>Heidi McBride (McGill University)</i> <i>Marion Wiesmann (Novartis)</i> <i>Anna Akhmanova (Utrecht University)</i>	09:00 - 09:35	Adelheid Cerwenka (Heidelberg University, Medical Faculty Mannheim, Germany) “Harnessing innate immunity for immunotherapy of solid cancer”	11:40 - 12:05	Miroslav Radman (MedILS, Split, Croatia) “Phenomenology of ageing and age-related diseases”
14:00 – 15:00		09:35 – 10:10	Olivier Demaria (France) “Harnessing Innate Immunity for new generation cancer therapies”	12:05- 12:30	Vlatka Zoldos (University of Zagreb, Croatia) “Use of CRISPR/dCas9-based tools in studies of aberrant protein glycosylation in complex diseases”
15:00 – 17:30	<i>Free activities / Coffee break</i>	10:10 – 10:45	Jan Tavernier (Ghent University, Ghent, Belgium) “Actin: a novel class of immunocytokines”	12:30 – 12:45	SOP 15min from Abstract: Sumana Sharma (Sanger Institute, Cambridge, UK) Genome-scale CRISPR-based approaches for identification of cell surface receptor-ligand interactions
17:30 – 20:00	Evening session “Cancer II” SESSION CHAIR: Mark Lemmon (Yale University, USA)	10:45 – 11:10	Arnim Pause (McGill University, Montreal, Canada) “AMPK promotes chemotherapy resistance by direct phosphorylation and transcriptional activation of TFEB/TFE3”	12:45 – 13:00	SOP 15min from Abstract: Wei Zhang (University of Guelph, Canada) “Engineering protein-protein interactions to probe and rewire cell signaling”
17:30 - 18:05	Domagoj Vučić (Genentech, USA) “Targeting RIP kinases provides therapeutic benefit in inflammatory diseases”	11:10 – 11:30	<i>Coffee break</i>	13:00 - 13:05	Closing Keynote INTRODUCTION of the Speaker by Miroslav Radman
18:05 - 18:40	Michael Hottiger (University of Zurich, Switzerland) “Protein ADP-ribosylation in health and disease”	11:30 - 12:05	Heidi McBride (McGill University, Montreal) “Complex roles of a mitochondrial SUMO ligase in cancer”	13:05 – 13:50	Yosef Yarden Weizmann Institute, Rehovot, Israel) “Engineered systems, biological networks and relevance to medicine”
18:40 - 19:15	Matteo Bellone (San Raffaele Scientific Institute, Milano, Italy) “Microbiota-immune cell crosstalk in the progression of multiple myeloma”	12:05 – 12:40	Jose Rodriguez Medina (University of Puerto Rico, San Juan) “Novel Stress Response Signaling Complexes of <i>Saccharomyces cerevisiae</i> ”	13:50 - 14:30	<i>Lunch</i>
19:15 - 19:35	SOP 20 min from Abstract (15+5min): Robin Ketteler (University College London, UK) “Systems biology approaches to investigate cancer signaling”	12:40 – 13:15	Siniša Volarević (Faculty of Medicine, University of Rijeka, Croatia) “The role of ribosomal proteins L5 and L11 in tumor suppression”	14:30 – 20:00	<i>Free activities</i>
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”	13:15 – 14:15	<i>Lunch</i> Lunch Seminar by ThermoFischerScientific <i>The New Pace of Discovery – Intelligence Driven Mass Spectrometry</i> 2nd WORKSHOP – “Behind the Scenes of Scientific Publishing” <i>Mirella Bucci (Nature Chemical Biology)</i>	20:00 - 24:00	<i>Conference Banquet</i>
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”	14:15 – 15:15		June 22 (Saturday) 2019	
20:10 - 21:15	<i>Dinner</i>	15:15 – 18:00	<i>Free activities / Coffee break</i>	Departure	
21:15 – 23:00	Poster session I	17:30 - 20:00	Evening session “Cancer III” SESSION CHAIR: Yossi Yarden (Weizmann Institute, Rehovot, Israel)		