

## Programme

### July 3 (Monday), 2017

<b>11:00 – 17:00</b>	<b>Arrival &amp; Registration</b>
18:15 – 18:30	Opening Keynote <b>INTRODUCTION of the Speaker by Igor Štagljar</b>
18:30 – 19:15	<b>Ruedi Aebersold</b> (ETH Zurich, Switzerland) “Genotypic variability and the quantitative proteotype”
19:30 – 21:00	<i>Songs, Mediterranean food and wine</i>

### July 4 (Tuesday), 2017

<b>09:00 - 13:00</b>	<b>Morning session</b>
	<b>Session I (30' talk+5min Qs)</b>
	<b>SESSION CHAIR: Morag Park</b>
09:00 - 09:35	<b>Miroslav Radman</b> (MedILS, Croatia) “Emerging phenotypes in ageing and age-related diseases: a point of view”
09:35 - 10:10	<b>Marino Zerial</b> (Max Planck, Dresden, Germany) “How endosomes tether, fuse and signal”
10:10 - 10:30	<b>Jennifer Van Eyk</b> (Cedar Sinai Medical Centre, USA ) “Moving proteomics into personalized health: a route to individualized monitoring and intervention in early atherosclerosis”
10:30 - 10:50	<b>Cheree Fitzgibbon</b> (Systems Biology Ireland) “Partners in crime - singling through Raf heterodimers”
10:50 - 11:10	<i>Coffee break</i>
11:10 - 11:45	<b>Igor Štagljar</b> (University of Toronto, Canada) “Receptor Tyrosine Kinase-Interactomes, Drug Action & Genome-Informed Medicine”
11:45 - 12:20	<b>Laurent Schwartz</b> (University of Paris, France) “Toward a reasoned classification of diseases using physics-based criteria”
12:20 - 12:40	<b>Armin Pause</b> (McGill University, Canada) “Haploinsufficient loss of ESCRT components as new drivers of cancer”
12:40 - 13:00	<b>Stefan Kalkhof</b> (University of Coburg, Germany) “Studying bone healing induced by glycosaminoglycan-coated implants in vitro and in situ using proteomics”
	<i>Lunch</i>
	<b>Lunch Seminar by ThermoFischerScientific</b>
13:00 – 14:00	<i>Speeding up Biomarker Discovery: Advanced Translational Proteomics Workflow with High Resolution Accurate Mass (HRAM) MS</i> <b>Claire Dauly</b> , Omics Sales Support Manager Europe, ThermoFischerScientific
	<b>1st WORKSHOP – Behind the Scenes of Scientific Publishing</b> Moderator: <b>Igor Štagljar</b> (University of Toronto, Canada)
14:00 – 15:00	<b>Ruth Zearfos</b> - Scientific Editor, Cell Reports- <b>Maria Polychronidou</b> - Scientific Editor, Molecular Systems Biology- <b>Natalie de Souza</b> - Chief Editor, Nature Methods-
15:00 – 17:00	<i>Free activities / Coffee break</i>
<b>17:00 – 20:00</b>	<b>Evening session</b>
	<b>Session II (30' talk + 5 min Qs)</b>
	<b>SESSION CHAIR: Margarida Amaral</b>
17:00 - 17:35	<b>John Yates III</b> (The Scripps Research Institute, USA) “The CFTR Interactome”
17:35 - 18:10	<b>Terry Rabbitts</b> (University of Oxford, UK) “From intracellular antibody fragments to small molecule inhibitors”
18:10 - 18:30	<b>Daniela Rotin</b> (The Hospital for Sick Children, Canada) “Regulation of catalytic activity of Nedd4 family ubiquitin ligases in cells and tissue organoids”
18:30 - 18:50	<b>Gali Prag</b> (Tel Aviv University, Israel ) “An E. coli based genetic selection

system for studying ubiquitylation cascades and drug discovery”

19:00 - 20:30 *Dinner*

### July 5 (Wednesday), 2017

<b>09:00 - 13:00</b>	<b>Morning session</b>
	<b>Session III (30' talk + 5 min Qs)</b>
	<b>SESSION CHAIR: Terry Rabbitts</b>
09:00 - 09:35	<b>Uwe Sauer</b> (ETH Zurich, Switzerland) “Learning molecular mechanisms from high-throughput metabolomics”
09:35 - 10:10	<b>Bernhard Küster</b> (Technical University of Munich, Germany) “The target space of clinical kinase inhibitors”
10:10 - 10:30	<b>Christoph Borchers</b> (University of Victoria, Canada) “Novel Approaches in Structural Proteomics Towards Determining Protein Conformational Changes and de-novo Protein Structure”
10:30 - 10:50	<b>Thomas Kislinger</b> (Princess Margaret Cancer Centre) “Detection of ovarian cancer recurrence using a novel integrated proteomics approach”
10:50 - 11:10	<i>Coffee break</i>
11:10 - 11:45	<b>Dimitri Krainc</b> (Northwestern, USA) “ Dopamine oxidation mediates a human-specific cascade of mitochondrial and lysosomal dysfunction in Parkinson's disease”
11:45 - 12:20	<b>Geert Kops</b> (Hubrecht Institute, Netherlands) “Make no mistake: chromosomal instability and genomic heterogeneity in intestinal tumor organoids”
12:20 - 13:55	<b>Iva Tolić</b> (Ruđer Bošković Institute, Croatia) “Motor proteins driving chromosome segregation in human cells”
13:00 – 14:00	<i>Lunch</i>
14:00 - 14:20	<b>Jan Tavernier</b> (Ghent University, Ghent, Belgium) “Targeting type I interferon activity to the tumor microenvironment or to dendritic cells as a novel, generic and safe cancer immunotherapy”
14:20 - 14:40	<b>Philip Kim</b> (University of Toronto, Canada) “Omics approaches combined with screening in mammalian and yeast systems to target protein-protein interactions, globular proteins and GPCRs.”
14:40 - 15:00	<b>Petra Krznar</b> (ETH Zurich, Switzerland) “Dissecting intra and extra-mitochondrial metabolic interactions by large-scale RNAi-metabolomics”
	<b>2nd WORKSHOP -Career workshop-</b>
	Moderator: <b>Iva Tolić</b> (Ruđer Bošković Institute, Croatia)
	<b>Uwe Sauer</b> (ETH Zurich, Switzerland)
15:00 - 16:30	<b>John Yates III</b> (The Scripps Research Institute, USA) <b>Anita Kriško</b> (MedILS, Croatia) <b>Susan Michaelis</b> (Johns Hopkins University, USA ) <b>Tony Hunter</b> (Salk Institute, USA) <b>Geert Kops</b> (Hubrecht Institute, Netherlands)
<b>16:30 - 19:00</b>	<b>Evening session</b>
16:30 – 19:00	Poster session / Coffee break
20:00 – 21:30	<i>Dinner</i>

### July 6 (Thursday), 2017

<b>09:00 - 13:00</b>	<b>Morning session</b>
	<b>Session VI (30' talk + 5 min Qs)</b>
	<b>SESSION CHAIR: Uwe Sauer</b>

### “BBRC lecture”

09:00 - 9:35	<b>INTRODUCTION of the Speaker by Mladen Merćep</b> <b>Susan Michaelis</b> (Johns Hopkins University, USA ) “The Integral Membrane Protease ZMPSTE24, Lamin A Processing, and the Premature Aging Disease Progeria”
09:35 - 10:10	<b>Domagoj Vučić</b> (Genentech, South San Francisco, USA) “Regulation of inflammatory and tissues injury diseases by RIP1 kinase”
10:10 - 10:45	<b>Morag Park</b> (McGill University, Canada) “Functional heterogeneity of the triple-negative breast cancer microenvironment”
10:45 - 11:05	<b>Lara Mahal</b> (New York University, USA) “Systematically cracking the glycode”
11:10 - 11:30	<i>Coffee break</i>
11:30- 12:05	<b>Michael Hall</b> (University of Basel, Biozentrum, Basel) “mTOR signaling in growth and metabolism”
12:05 - 12:40	<b>Maria Sibilia</b> (University of Vienna, Austria) “Cell-specific functions of the EGFR in inflammation and cancer”
12:40 - 13:00	<b>Heiko Runz</b> (Merck, Sharp & Dohme, USA) “Leveraging human genetic variation to build better drugs”
13:00 - 14:00	<i>Lunch</i>
14:00 - 20:00	<i>Excursion / Free time (Split city walking tour 18:00-19:00h)</i>

### July 7 (Friday), 2017

<b>09:00 - 13:00</b>	<b>Morning session</b>
	<b>Session V (30' talk + 5 min Qs)</b>
	<b>SESSION CHAIR: Susan Michaelis</b>
09:00 - 09:35	<b>Margarida Amaral</b> (University for Lisbon, Portugal) “Omics of CFTR: Translating Science into Treatment”
09:35 - 10:10	<b>Klaus Seuwen</b> (Novartis, Basel, Switzerland) “ Adhesion G protein-coupled receptors”
10:10 - 10:30	<b>Mike Moran</b> (University of Toronto, Canada ) “Integrated Omics Analysis Reveals Candidate Polygenic Lung Cancer Drivers With Prognostic Impact”
10:30 - 10:50	<b>Punit Saraon</b> (University of Toronto) “Identification of Novel Inhibitors of Activating EGFR Mutations in Non-Small Cell Lung Cancer using the Mammalian Membrane Two Hybrid Assay (MaMTH)”
10:50 - 11:10	<i>Coffee break</i>
11:10 - 11:45	<b>Anita Kriško</b> (MedILS, Croatia) “Proteometabostasis in safeguarding cellular longevity”
11:45 - 12:05	<b>Christine Vogel</b> (New York University, USA) “The ups and downs of protein expression regulation”
12:10 - 12:25	<b>Closing Keynote</b> <b>INTRODUCTION of the Speaker by Miroslav Radman</b>
12:25 – 13:10	<b>Tony Hunter</b> EMBO Member (Salk Institute, USA) <b>-The EMBO Keynote Lecture-</b> “Protein phosphorylation and cell signaling; histidine phosphorylation”
13:10 - 14:30	<i>Lunch</i>
14:30 - 17:00	<i>Free activities</i>
20:00 - 24:00	<i>Conference Banquet</i>

### July 8 (Saturday), 2017

Departure
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