

Programme

September 15 (Friday) 2023

17:00 – 18:00	Arrival & Registration
18:15 – 18:20	Opening Lecture INTRODUCTION of the Speaker by Igor Stagljar
18:20 – 19:00	“Multispecificity – The Future of Molecular Medicines” Ray Deshaies (Senior Vice President, Global Research, Amgen, Thousand Oaks, CA, USA)
19:00 - 21:00	Songs, Mediterranean food and wine

September 16 (Saturday) 2023

09:00 - 13:15	Session #1
SESSION CHAIR:	Eilika Weber-Ban (ETH Zurich)
09:00 - 09:30	"Organoids model human disease" Hans Clevers (Head of Roche Pharma Research and Early Development, Basel, Switzerland)
09:30 - 10:00	"Drugging small GTPases using artificial intelligence and live-cell based technologies" Igor Stagljar (Donnelly Centre, University of Toronto, Canada and MedILS, Split, Croatia)
10:00 - 10:30	"Cystic fibrosis on the African continent: from patients to rare <i>CFTR</i> variants" Hugues Abriel (University of Berne, Switzerland)
10:30 - 11:00	<i>Coffee break</i>
11:00 - 11:30	"Chemical Biology for Drug Discovery expands the Druggable Genome" John Tallarico (Head, Chemical Biology and Therapeutics at Novartis Institutes for BioMedical Research, Cambridge, MA, USA)
11:30 - 12:00	"Precision oncology and drug discovery by <i>ex vivo</i> image-based drug profiling" Berend Snijder (ETH Zurich, Switzerland)
12:00 - 12:30	"The functional interplay between cell death and inflammation and therapeutic opportunities arising therefrom" Henning Walczak (University College London Cancer Institute, London, UK)
12:30 – 13:00	"Empowering Women in Science: Insights from the Selvita CEO" Adrijana Vinter (CEO Selvita, Croatia & Global Head of Drug Discovery)
13:15– 14:00	<i>Lunch</i>
14:00 – 15:30	Poster session I / Coffee break

17:30 – 20:00	Session #2
SESSION CHAIR:	Ivana Carev (Medils, Split, Croatia)
17:30 - 18:00	“Pharmacoproteomics profiling reveals drug effects on the secreted proteome” Marcus Bantscheff (Senior Scientific Director at Cellzome, a GSK company, Heidelberg, Germany)
18:00 - 18:30	“RIP1 is a key mediator of tissue damage and intestinal death in inflammatory diseases” Domagoj Vučić (Senior Fellow, Genentech, South San Francisco, CA, USA)
18:30 - 19:00	“Promoting tissue regeneration through modulation of Wnt signalling” Stephane Angers (Donnelly Centre, University of Toronto, Canada)
19:00 - 19:30	“Computing cancer immunity” Zlatko Trajanoski (Medical University of Innsbruck, Austria)
19:30 – 19:50	“On intrinsic susceptibility of healthy organs to primary cancer or metastasis” Andrea Gelemanovic (MedILS, Split, Croatia)
20:00 - 21:00	<i>Dinner</i>

September 17 (Sunday) 2023

09:00 – 13:00	Session #3
SESSION CHAIR:	Ivana Gašić (University of Geneva, Switzerland)
09:00 - 09:30	“Mycobacterial Proteostasis Pathways for Stress Survival” Eilika Weber-Ban (ETH Zurich, Switzerland)
09:30 – 10:00	“Understanding how RNA-based mechanisms control genome stability in cancer” Lovorka Stojić (Barts Cancer Institute, Queen Mary University, London, UK)
10:00 - 10:30	“Enabling affordable and accessible CAR-T cell and other gene-modified cell therapies” Boro Dropulić (Executive Director of Caring Cross and CEO of Vector BioMed, Gaithersburg, MD, USA)
10:30 - 10:50	“The Metabolite Path to Vitality: Detecting, Predicting, and Reversing Gut Inflammation” Nika Pintar (AniBiome, Zagreb, Croatia)
11:00 - 11:30	<i>Coffee break</i>
11:30 - 12:00	“Revealing the Machinery for Production of Proteins in Human Cells” Nenad Ban (ETH Zurich, Switzerland)
12:00 - 12:30	“Controlling function by conformational trapping” Tony Kossiakoff (University of Chicago, IL, USA)
12:30 – 13:00	“Beyond publish and perish: the new culture of preprint peer review” Thomas Lemberger (EMBO, Heidelberg, Germany)
13:00 – 14:00	<i>Lunch</i>
16:00 - 18:00	<i>Guided City Tour for interested participants</i>
20:00 - 23:00	<i>Conference Banquet</i>

September 18 (Monday) 2023

09:00 – 13:00	Session #4
SESSION CHAIR:	Lovorka Stojić (Barts Cancer Institute, Queen Mary University, London, UK)
09:00 - 09:30	“New drug-like molecules enabling Translational Readthrough: From mechanistic studies to in vivo proof of mechanism in Hurler syndrome models” Jürgen Reinhardt (Director, Novartis Pharma, Basel, Switzerland)
09:30 – 10:00	“Short Term Cultures to Analyse Molecular Response to Therapy in Colorectal Cancer” Michael Bergmann (Medical University Vienna, Austria)
10:00 – 10:30	"Intact cells alter the fate of the neighboring cells damaged by UV radiation " Katarina Trajković (MedILS, Split, Croatia)
10:30 – 11:00	"TOR signalling in high resolution" Robbie Loewith (University of Geneva, Switzerland)
11:00– 11:30	“Autophagy Repair of Topoisomerase 1-Cleavage Complexes” Kristijan Ramadan (University of Oxford, UK)
11:30 – 12:45	<i>WORKSHOP – WOMEN IN SCIENCE</i> <i>Moderator: Igor Stagljar</i> <i>PARTICIPANTS: Eilika Weber-Ban</i> (ETH Zurich), Lovorka Stojić (Barts Cancer Institute, Queen Mary University, London, UK), Katarina Trajković (MedILS, Split, Croatia), Ivana Carev (Medils, Split, Croatia), Ivana Gašić (University of Geneva, Switzerland), Adrijana Vinter (Selvita, Croatia)
13:00 – 14:00	<i>Lunch</i>
14:00 – 15:30	Poster session II / Coffee break

17:30 - 20:00	Session #5
SESSION CHAIR:	Mladen Merćep (<i>Department of Biotechnology, University of Rijeka, Rijeka and Zora Foundation, Split, Croatia</i>)
17:30 – 18:00	"Metabolomics as a hypothesis generator" Uwe Sauer "EMBO Member" (ETH Zurich, Switzerland)
	'The EMBO Keynote Lecture' 
18:00 – 18:30	"Can we kill resistant microbes with natural products?" Ivana Carev (Medils, Split, Croatia)
18:30 – 19:00	"Epigenome reprogramming during vertebrate embryogenesis" Ozren Bogdanovic (Andalusian Centre for Developmental Biology, Seville, Spain)
19:00 – 19:20	"A structure-guided approach to target the Aurora-A/N-Myc complex in MYCN-amplified neuroblastoma" Elisabetta Rubini (Sapienza University of Rome, Italy)
19:20 – 19:40	"A Yap-dependent mechanoregulatory program sustains cell migration for embryo axis assembly" María Almuedo-Castillo (Andalusian Centre for Developmental Biology, Seville, Spain)
20:00 - 21:00	<i>Dinner</i>

September 19 (Tuesday) 2023

09:00 – 13:00	Session #5
SESSION CHAIR:	Katarina Trajković (<i>Medils, Split, Croatia</i>)
09:00 – 09:30	"From protein-protein interactions to therapeutic targets in Huntington's disease" Erich Wanker (<i>Max Delbrück Centre for Molecular Medicine, Berlin, Germany</i>)
09:30 – 10:00	"The immune system plays a critical role in the development of Parkinson's disease" Michel Desjardins (<i>University of Montreal, Canada</i>)
10:00 – 10:30	"Autoregulation of tubulin mRNA stability" Ivana Gašić (<i>University of Geneva, Switzerland</i>)
10:30 – 11:00	<i>Coffee break discussions</i>
11:00 - 11:40	Closing Lecture INTRODUCTION of the Speaker by Igor Stagljari/Miroslav Radman "Solving mysteries of the acid-activated chloride channel ASOR" Thomas Jentsch (<i>Max Delbrück Centre for Molecular Medicine, Berlin, Germany</i>)
11:40 - 12:25	<i>Coffee break discussions</i>
13:00 - 14:30	<i>Lunch</i>

September 20 (Wednesday) 2023

Departure