

Scientific Program, DAY 1

09:00-09:15	Opening Session Greetings: Prime Minister of the Republic of Lithuania Mr. Algirdas Butkevicius	
09:15-10:00	<i>Nobel Prize Laureate Prof. Dan Shechtman, Israel</i> Technological Entrepreneurship – Key to World Peace and Prosperity	
10:00-10:15	Refreshments	
10:15-11:00	Panel Discussion: Private-Public Partnerships in Life Sciences Research and Innovation TBA	
11:00-11:10	Rudy Van Eijdsden, Netherlands - Digital Quantification of Nucleic Acids and Proteins Rokas Janauskas, Lithuania - Regulation of clinical trials in Lithuania Tadas Juknius, Lithuania - Smart Bandage - Medical Device that Can Control Healing Process	
11:10-11:40	Poster Session Coffee break	
11:40-13:10	Session 1 Development Chairperson: David Mirelmen	Session 2 Systems Medicine Chairperson: TBA
11:40-12:10	Keynote: David Mirelmen, Israel Technology Transfer: From the Academic Lab Bench to the Patient Bedside	Keynote: Makoto Suematsu, Japan AMED Reforms Medical Research and Development in Japan: Challenge in IRUD and Medical Arts
12:10-12:30	Vytenis Skeberdis, Lithuania Membranous Tunneling Tubes: Properties and Their Exploitation	Irene Fermont, Israel ISOP Israel's Project to Address Public Health Issues Through a National Integrative Risk Management Plan
12:30-12:50	Desire Collen, Belgium Biopharmaceutical Drug Development Between Academia and Industry – Role of Serendipity in the Development for Clinical use of t-PA and Microplasmids	Kenjiro Kosaki, Japan Importance of Phenotype Data Sharing in Delineation of Undiagnosed Diseases
12:50-13:10	Dagi T Forcht, USA How to Pitch Your Company to Venture Capitalists	Vidmantas Petraitis, USA 25 Years of Experience and Future Directions of Bench-to-Bed Infectious Diseases Translational Research Disease Program of Cornell University against Multidrug Resistant Pathogens
13:10-14:15	Lunch	
14:15-14:50	Plenary Moderator: TBA <i>Michael May, Canada</i> CCRM: Maximizing Commercial Outcomes from Academic Discovery Through Global Collaboration	
14:50-15:00	Laura Kaliniene, Lithuania - Bacterial viruses: have we harvested it all? The lessons we learned from studying unique phage Veronique Jasner, Israel - Risk Management in medical devices using animal tissues Arydas Usas, Lithuania - Muscle-derived stem cells for tissue engineering and regeneration	
15:00-15:30	Poster Session Coffee Break	
15:30-17:00	Session 3 Regenerative Medicine Chairperson: Sigalit Portnoy	Session 4 Collaborations Chairperson: TBA
15:30-16:00	Keynote: Takuya Yokokawa, Japan Regenerative Medicine Industrialization update in Japan	Keynote: Ryan Wiley, Canada Partnerships in Health Innovation: Expanding Paradigms of Private Profit and the Public Good
16:00-16:15	Aras Mattis, USA Patient iPSC-Derived Hepatocytes model NAFLD	Manfred Horst, France TBA
16:15-16:30	Makoto Asashima, Japan Organogenesis and Control of Cell Differentiation in Vertebrates Using Mammalian Stem Cells	Vitalis Briedis, Lithuania Pharmaceutical development – opportunities for academia
16:30-16:45	Valentin Fulga, Canada RegeneBank – a Novel Concept in Regenerative Medicine	Juergen Bauer, Germany Innovations from the EMBL, Europe's flagship laboratory for the life sciences
16:45-17:00	Arik Hasson, Israel Intrathecal Transplantation of Human Astrocytes Reduces Clinical Symptoms in Rat SOD1G93A ALS Model	Ariel Blumovich, Israel M&A Success & Failures – Lessons for Biotech Startups

Scientific Program, DAY 2

09:00-09:50	Plenary <i>Lumir Hanus, Israel</i> Endocannabinoid System, Phytocannabinoid History, and Israeli Model for MMJ	
09:50-10:00	Eriks Jakobsons, Latvia - Tissue evacuated during joint replacement procedure as a significant source of mononuclear cells Vaida Surviliene, Lithuania - The use of saliva samples to estimate levels of steroids in grey seal (<i>Halichoerus grypus</i>) pups Nageen Hussain, Pakistan - Association of Ace I/D Polymorphism in Pakistani Cardiac Patients	
10:00-10:30	Poster Session Coffee Break	
10:30-12:15	Session 5 Cannabinoids Chairperson: Jokubas Ziburkus	Session 6 Medical Devices Chairperson: TBA
10:30-10:50	Tomas Andrejauskas, <i>Lithuania</i> SatiMed – A Blend of Nature, Science, and Global Partnerships	Keynote: Luis Lasalvia, USA TBA
10:50-11:10	Yehuda Baruch, <i>Israel</i> TBA	Linas Jonušauskas, <i>Lithuania</i> Femtosecond laser 3D Micro- and Nanostructuring: Enabling Technology for Medical Applications
11:10-11:30	Ronen Shemesh, <i>Israel</i> FertiProt: Cannabinoid Receptors and the Cannabinoid System as Targets for Fertility Enhancement and an Alternative for Assisted Reproduction Treatment	Mangirdas Malinauskas, <i>Lithuania</i> Ultrafast Laser 3D Lithography of Bio-Resists: Materials, Structuring, and Applications
11:30-12:15	Panel Discussion Moderator: Jokubas Ziburkus Panel Members: Lumir Hanus, Yehuda Baruch, Tomas Andrejauskas Ronen Shemesh, TBA	11:30-11:45 Arita Dubnika, <i>Latvia</i> Biomaterials R&D from Bench to Bedside at Rudolfs Cimdins Riga Biomaterials Innovations and Development Centre of Riga Technical University
		11:45-12:00 Shay Leventhal, <i>Israel</i> Shortening Medical Device Time to Market: How to Expedite the Regulatory Clearance
		12:00-12:15 Domantas Ozerenskis, <i>Lithuania</i> Innovative Programmable Drug Delivery Method for Arthroplasty Surgery
12:15-13:15	Lunch	
13:15-13:50	Plenary <i>Virginijus Siksnys, Lithuania</i> CRISPR-Cas9: From Microbial Antiviral Defense System to Genome Editing	
13:50-14:00	Janis Ancans, Latvia - Standardized Cell Transplantation for Treatment of Tendon Injuries in Horses Juozas Kupcinkas - Lithuania, Challenges and Perspectives of Biomarker Research in Complex Gastrointestinal Diseases Sima Garberytė - Lithuania, Evaluation of Predictive Markers in the Ovarian Cancer Microenvironment and Peripheral Blood	
14:00-14:30	Poster Session	
14:30-16:00	Session 7 Supportive Environment Chairperson: TBA	Session 8 Ageing Chairperson: TBA
14:30-15:00	Keynote: Serge Pampfer, Belgium Bio Incubation: A Business of Many Trades and Skills	Keynote: Yoshihide Esaki, Japan Viewpoint of Assessment on Healthcare Technologies <i>Mauricio</i>
15:00-15:20	Marouane Nouira, <i>United Kingdom</i> Shaping Future Clinical Trials through Innovation: The Power of Data and Technology	Anna-Winona Struck, <i>Germany</i> Introducing BFCC - the Baltic Fracture Competence Centre
15:20-15:40	Osvaldas Pugovics, <i>Latvia</i> Latvian Institute of Organic Synthesis: advanced partner for drug discovery projects in the Baltic region	Mauricio Wajngarten, <i>Brazil</i> The Role of "Mobile-Health" and "Personalized-Health" in Promoting Active Ageing
15:40-16:00	Aiste Jekabsonė, <i>Lithuania</i> A Novel Peptide Based Hydrogel Matrix for Controlled Development of 3D Neuroglial Cultures	Alisa Buchman, <i>Israel</i> MP-1™, Clinical Trial Results of Total Hip Replacement
16:00	GRANDE FINALE	