

	Monday 2025.07.28	Tuesday 2025.07.29	Wednesday 2025.07.30	Thursday 2025.07.31	Friday 2025.08.01		
	Arrival & Opening	Microbiome and inflammation	Disease models and mechanisms	Modeling and Precision Medicine	Departure		
9:00		Keynote lecture: Serre-yu Wong (Mount Sinai, USA): Tunneling through gut and skin: perianal fistula in Crohn's disease	Keynote lecture: Joana F Neves (Kings College London, UK): Immune-epithelial interactions govern intestinal health & disease	Keynote lecture: Kathryn Hamilton (University of Pennsylvania, USA): Epithelial cell plasticity in the regenerating gut			
9:45		Expert talk 1: Sun-Ho Lee (Sina Health Toronto, CAN): Understanding the Preclinical Phase of IBD: A Window into Host-microbe Interactions	Expert talk 1: Csaba Pál (Biological Research Center, HU): Resistance to new antibiotic candidates promotes the evolution of hypervirulent bacterial pathogens	Expert talk 1: Mohieddin Jafari (University of Helsinki, FL): When One Is Not Enough: A Systems Medicine Approach for Combinatorial Therapy in Acute Myeloid Leukemia through Stability/Solubility Alterations			
10:15		Expert talk 2: Falk Hildebrand (Quadram Institute, UK): Gastrointestinal disease through the lens of high-resolution metagenomics	Expert talk 2: Patrick Varga-Weisz (University of Essex, UK): Epigenetic mechanisms shaping colon inflammation	Expert talk 2: Marek Ostaszewski (University of Luxembourg, LU): Systems biology diagrams: interface between knowledge curation and computational modelling			
10:45		Tea/Coffee	Tea/Coffee	Tea/Coffee			
11:15		Expert talk 3: Federica Ungaro (San Raffaele Hospital, IT): Host-microbiota interaction in IBD and its complications	Expert talk 3: Eduardo Villablanca (Karolinska Institutet, SE): Unraveling the Molecular Architecture of the Intestinal Barrier: Insights from Spatial Transcriptomics	Bence Szalai (Turbine Ltd, HU): Benchmarking foundation cell models for post-perturbation RNA-Seq prediction Hrach Baghdassarian (MIT, US) sCLEMBAS : Context-aware signaling pathway modeling at single-cell resolution			
11:45		Expert talk 4: Szilvia Juhasz (Hungarian Centre of Excellence for Molecular Medicine, HU) The toxic relationship between bacteria and human cells	Gustavo Monterio Ocares (Karolinska Institutet, SE) Spatial transcriptomics reveals a novel salivary gland and a rheostatic gut-salivary glands axis during intestinal inflammation Rachael Barry (Imperial College, UK): Proteases in the colorectal tumour microenvironment induce barrier damage and cancer cell signalling	Luca Massimino (San Raffaele Hospital, IT) The Spatial Code: Computational Strategies for Deciphering Tissue Microenvironments Christine Sun-Yun Joh (Seoul National University College of Medicine, KR): Immune dysregulation and epithelial barrier dysfunction in ASCA-Positive ulcerative colitis			
12:30		Safak Bayram (Charité, Universitätsmedizin Berlin, DE) Diet modulates colonic epithelial proinflammatory responses by influencing butyrate-producing microbiota	Deborah Jans (KU Leuven, BE): Family matters: Understanding the genetic architecture of inflammatory bowel disease multiplex families	Lunch			
13:00		Lunch	Lunch				
14:00	Arrival and registration	Teamwork - part 1	Teamwork - part 2		Departure		
14:30				Getting know each other		Discussions the problem to be solved	Presentations of teams (15 min / team + discussion)
15:00				Presenting the problem to be solved			
15:30							
16:00				Opening ceremony			
16:30	Opening Keynote lecture: László Albert Barabási (Harvard Medical School, US): From Network Medicine to the Foodome: The Dark Matter of Nutrition	Knights Tournament followed by Team building competition with Medieval games, informal discussions in the meantime	Catamaran race on the Danube, informal discussion in the meantime	Grant writing seminar (Cláudio Nunes-Alves , Germinate Science Consulting)			
17:00	Opening Keynote lecture: Hyun Je Kim (Seoul National University College of Medicine, KR): Building patients multionics atlas in Korea			Moderated panel discussion on: Women / Family in Science			
17:30				Hunting animal show and refreshing drinks			
18:00				Closing Keynote lecture: Nick Powell (Imperial College London, UK): Precision medicine perspectives based on computational, in vitro and in vivo models			
18:30	Welcome reception and dinner						
19:00		Special Renaissance Dinner	BBQ Picnic Dinner	Workshop Closing Feast in the Court of Foods with Award presentation for teams and poster presenters (same location as Court of Crafts)			
19:30							
20:00							
20:30							
21:00	Informal evening program (bowling, table soccer, swimming, etc)	Poster session 1	Poster session 2				
21:30							
22:00							
22:30	Informal evening program		Informal evening program	Informal evening program with music			

