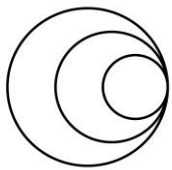


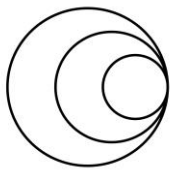
Virtual Conference Agenda

Start (BST)	Finish (BST)	Presenter details
Tuesday, 28 September 2021		
13:00	13:05	Welcome
		<p><i>Scientific Programme Committee:</i> Ludovic Vallier, University of Cambridge, UK Prisca Liberali, Friedrich Miescher Institute for Biomedical Research, Switzerland Madeline Lancaster, MRC Laboratory of Molecular Biology, UK Daniel Stange, Technische Universität Dresden, Germany Jason Spence, University of Michigan, USA</p>
13:05	15:00	Session 1: Organoids and development and homeostasis
13:05	13:10	Introduction to the session <i>Chair: Madeline Lancaster</i>
13:10	13:30	Investigation of human endometrial function using organoids Margherita Turco, Trophoblast Centre Cambridge, UK
13:30	13:50	Organoid zoo reveals mechanisms for species-specific time Miki Ebisuya, EMBL Barcelona, Spain
13:50	14:10	Cholangiocytes organoids – from bench to bedside Fotios Sampaziotis, Cambridge Stem Cell Institute, UK
14:10	14:20	Mesenchymal-epithelial crosstalk shapes regional differences in the intestine via Wnt and Shh signalling <i>Martti Maimets, University of Copenhagen, Denmark</i>
14:20	14:30	Creating to understand: how sculpting with stem cells can teach us how embryos take shape <i>Jesse Veenvliet, Max Planck Institute of Molecular Cell Biology and Genetics, Germany</i>
14:30	15:00	Q&A <i>Chair: Madeline Lancaster</i> <i>Moderator: Ludovic Vallier</i>
15:00	15:30	Poster lightning talks
15:30	16:00	Poster session
16:00	16:20	Break
16:20	18:15	Session 2: Organoids and disease modelling
16:20	16:25	Introduction to the session <i>Chair: Prisca Liberali</i>
16:25	16:45	Bioengineering of intestinal grafts from children with intestinal failure Vivian Li, Francis Crick Institute, UK
16:45	17:05	Multicellular tissue derived liver organoids help us understanding cellular interactions during tissue regeneration Meritxell Huch, Max Planck Institute of Molecular Cell Biology & Genetics, Germany
17:05	17:25	Modeling neuronal migration and associated disorders in mouse and human cerebral organoids Silvia Cappello, Max Planck Research School of Psychiatry, Germany
17:25	17:35	Development of a chamber-specific atrial vascularised cardiac microtissue to study cardiac disease <i>Jasmeet Reyat, University of Birmingham, UK</i>
17:35	17:45	Mechanistic dissection of Polycomb-dependent dysregulation in Weaver syndrome neural lineages <i>Sebastiano Trattaro, Istituto Europeo di Oncologia, Italy</i>
17:45	18:15	Q&A <i>Chair: Prisca Liberali</i> <i>Moderator: Jason Spence</i>
18:15	18:45	Networking



Wednesday, 29 September 2021

13:00	14:55	Session 3: Organoids: Infection and immunology
13:00	13:05	Introduction to the session <i>Chair: Ludovic Vallier</i>
13:05	13:25	Building Brain Cellular Complexity Using Stem-Cells Based Technology Abed Mansour, Hebrew Univeristy of Jerusalem, Israel
13:25	13:45	Infection, innate immune signaling and cancer in the gut - organoids as disease model Sina Bartfield, University of Wuzburg, Germany
13:45	14:05	Engineering Organoid Models for Understanding Human Neurodevelopment and Neurological Diseases Guo-Li Ming, University of Pennsylvania, USA
14:05	14:15	Mucosal organoids capture Innate Lymphoid Cells tissue-specific development and disease associated functions <i>Joana Neves, King's College London, UK</i>
14:15	14:25	AlvireX – an advanced drug screening platform for respiratory viruses <i>Mirjam Kiener, University of Bern, Switzerland</i>
14:25	14:55	Q&A <i>Chair: Ludovic Vallier</i> <i>Moderator: Madeline Lancaster</i>
14:55	15:25	Poster lightning talks
15:25	15:55	Poster session
15:55	16:15	Break
16:15	17:50	Session 4: Organoid technology latest improvement
16:15	16:20	Introduction to the session <i>Chair: Jason Spence</i>
16:20	16:40	Engineering epithelial organoid morphogenesis Matthias Lutolf, EPFL/Lausanne, Switzerland
16:40	17:00	Genome evolution in tumors: a real-time and single-cell perspective Hugo Snippert, Oncode Institute Utrecht, The Netherlands
17:00	17:10	Adaptable hydrogels engineered for in situ super-resolution imaging of organoids and extracellular matrix interactions via photoexpansion microscopy <i>Michael Blatchley, University of Colorado Boulder, USA</i>
17:10	17:20	3D villus-like PEGDA-based hydrogels with spatio-biochemical gradients to modulate organoid-derived intestinal epithelium behavior <i>Aina Abad-Lázaro, Institute for Bioengineering of Catalonia, Spain</i>
17:20	17:50	Q&A <i>Chair: Jason Spence</i> <i>Moderator: Prisca Liberali</i>
17:50	18:20	Career session
17:50	18:20	<i>Mathew Garnett, Sanger, UK</i> <i>Giorgia Guglielmi, Friedrich Miescher Institute, Switzerland</i> <i>Catherine Elton, Okine, UK</i>
18:20	18:50	Further questions and discussion with speakers in Spatial



Thursday, 30 September 2021

13:00	14:35	Session 5: Organoids and nomics
13:00	13:05	Introduction to the session <i>Chair: Madeline Lancaster</i>
13:05	13:25	Tumour organoid cultures as a platform for cancer functional genomics Mathew Garnett, Sanger Institute, UK
13:25	13:45	Identification of genetic vulnerabilities in pancreatic cancer Gerald Schwank, University of Zurich, Switzerland
13:45	13:55	Multiome sequencing of human renal organoids elucidates transcriptional control of mesenchymal-to-epithelial transition <i>John-Poul Ng-Blichfeldt, MRC Laboratory of Molecular Biology, UK</i>
13:55	14:05	Kinome-wide Screen Identifies Raf-MAPK Pathway as a Regulator of Hair Follicle Stem Cell Plasticity <i>Leah Biggs, University of Helsinki, Finland</i>
14:05	14:35	Q&A <i>Chair: Madeline Lancaster</i> <i>Moderator: Daniel Stange</i>
14:35	14:55	Break
14:55	16:50	Session 6: Organoids and cancer
14:55	15:00	Introduction to the session <i>Chair: Daniel Stange</i>
15:00	15:20	Leveraging patient-derived organoids to dissect metastatic plasticity Karuna Ganesch, Memorial Sloan Kettering Cancer Centre, USA
15:20	15:40	Patient-derived Organoids for precision oncology Nicola Valeri, The Institute of Cancer Research, UK
15:40	16:00	Organoids in pediatric cancer research Jarno Drost, Prinses Maxima Centrum Utrecht, The Netherlands
16:00	16:10	Active elimination of intestinal cells drives oncogenic growth in organoids <i>Saskia Suijkerbuijk, Netherlands Cancer Institute,</i>
16:10	16:20	Single-cell signalling analysis of CRC tumour microenvironment organoids in response to treatment <i>María Ramos Zapatero, UCL Cancer Institute, UK</i>
16:20	16:50	Q&A <i>Chair: Daniel Stange</i> <i>Moderator: Jason Spence</i>
16:50	17:00	Closing remarks
<p>Scientific Programme Committee: <i>Ludovic Vallier, University of Cambridge, UK</i> <i>Prisca Liberali, Friedrich Miescher Institute for Biomedical Research, Switzerland</i> <i>Madeline Lancaster, MRC Laboratory of Molecular Biology, UK</i> <i>Daniel Stange, Technische Universität Dresden, Germany</i> <i>Jason Spence, University of Michigan, USA</i></p>		