

Symposium: Stem Cell-Based Disease Modelling and Drug Screening - Programme

THURSDAY, April 23, 2026

08:30-09:00	Coffee, Registration & Poster Set-Up - outside Lundsgaard Auditorium, Panum (Blegdamsvej 3, 2200 Copenhagen)
09:00-09:10	Welcome - Kim B. Jensen & Christian Clausen - Lundsgaard Auditorium
09:10-10:30	Session 1
09:10-09:55	OPENING KEYNOTE - Christine Mummery , Professor of Developmental Biology, NNF Center for Stem Cell Medicine - reNEW and Leiden University Medical Center, The Netherlands <i>hiPSC derived cardiovascular cells for safety pharmacology and drug screening in disease</i>
09:55-10:25	Lauriane Cabon , Group Lead - Applied Organoid Technologies, Roche Institute of Human Biology, Switzerland <i>Next-Generation Drug Discovery: Harnessing the Power of Advanced Multicellular Systems</i> 5 min buffer Chair: Kim B. Jensen
10:30-11:00	Coffee & Exhibitors - outside Lundsgaard Auditorium, Panum (Blegdamsvej 3, 2200 Copenhagen)
11:00-12:20	Session 2 - sponsored by Stem Cell Reports
11:00-11:30	Ludovic Vallier , Einstein Professor for Stem Cells in Regenerative Therapies, Berlin Institute of Health @Charité and Max Planck Institute for Molecular Genetics, Germany <i>Modelling hepatocytes injury using liver organoids</i>
11:30-11:45	Janko Kajtez , Assistant Professor, NNF Center for Stem Cell Medicine - reNEW, University of Copenhagen, Denmark <i>Development of a neuron-glia tri-culture model of sporadic Parkinson's disease for phenotypic drug screening</i>
11:45-12:00	Klaudia Grieger , Post-Doc, Fraunhofer Institute for Toxicology and Experimental Medicine ITEM, Hannover, Germany <i>Evaluating inflammatory signaling and therapeutic modulation of macrophages using advanced human innate immune cell technologies</i>
12:00-12:15	Colin O'Hern , DO / PhD Candidate, Michigan State University, USA <i>An Immunocompetent Human Heart Macrophage Assembloid to Model NLRP3 Inflammasome-Induced Atrial Arrhythmias</i> 5 min buffer Chair: Josh Brickman
12:20-13:30	Lunch - outside Lundsgaard Auditorium, Panum (Blegdamsvej 3, 2200 Copenhagen)
13:30-14:50	Session 3
13:30-14:00	Peter Reinhardt , Principal Research Scientist II / Team Lead, Advanced Cell Technologies and Screening, Neuroscience Discovery Research, AbbVie, Germany <i>BMP, MEK and WNT inhibition: a novel dSMAD-independent paradigm for rapid generation of hiPSC-derived neurons amenable to regional patterning</i>
14:00-14:15	Astrid M. Baattrup , Post-Doc, NNF Center for Stem Cell Medicine - reNEW and University of Copenhagen, Denmark <i>High-Content Screening in human ileal organoids reveals new insight into L-cell function and hormone expression</i>
14:15-14:30	Annika Mordelt , PhD Student, Department of Human Genetics, Radboudumc, Nijmegen, The Netherlands <i>MEA-LINK: a systems biology approach to screen for immune drivers of neuronal activity in human iPSC-derived microglia-neuron co-cultures</i>
14:30-14:45	Nathalia Ferreira , Post-Doc, Max Planck Institute for Multidisciplinary Sciences, Göttingen, Germany <i>Integrated Organoid-Immune Platforms for Evaluating Nanovaccine and CAR T Cell Immunotherapies in Pancreatic Cancer'</i> 5 min buffer Chair: Bjørn Holst
14:50-15:30	Coffee & Exhibitors - outside Lundsgaard Auditorium, Panum (Blegdamsvej 3, 2200 Copenhagen)
15:30-16:50	Session 4
15:30-16:00	Henning Kempf , Associate Director, GEM CELL Hub, Novo Nordisk A/S, Denmark <i>Bonafide stem-cell models to accelerate drug development</i>
16:00-16:15	Laura R. Rodríguez , Post-Doc, Lund Stem Cell Center, Lund University, Sweden <i>An engineered human 5xFAD iPSC-based model capturing the core hallmarks of Alzheimer's disease</i>
16:15-16:45	Kevin Watt , Team Leader, Heart Regeneration Laboratory, NNF Center for Stem Cell Medicine - reNEW, Murdoch Children's Research Institute, Melbourne, Australia <i>Drug discovery using human stem cell models of the heart</i> 5 min buffer Chair: Jakub Sedzinski
16:50 - 19:00	Poster Session & Drinks - outside Lundsgaard Auditorium - odd numbers 17:00-18:00; even numbers 18:00-19:00
19:30 - 22:30	Dinner - Food Club Nørrebro (Sortedam Dossering 7C, 2200 Copenhagen)

FRIDAY, April 24, 2026	
08:30-09:00	Coffee - outside Lundsgaard Auditorium, Panum (Blegdamsvej 3, 2200 Copenhagen)
09:00-10:20	Session 5
09:00-09:30	Malene Ambjørn , Director, Functional & Cellular Pharmacology, Neuroscience, Lundbeck, Denmark <i>Harnessing Stem Cell Models to Advance Drug Development at Lundbeck</i>
09:30-09:45	Elena Enzo , Associate Professor, Centre for Regenerative Medicine, University of Modena and Reggio Emilia, Italy <i>Single-cell CRISPRa Screening to Restore Epidermal Self-Renewal</i>
09:45-10:00	Christina-Anastasia Stamouli , PhD Student, Lund University, Sweden <i>hiPSC-derived interneurons from schizophrenia parent-case trio reveal GABAergic signaling alterations</i>
10:00-10:15	Richard P. Davis , Group Leader, NNF Center for Stem Cell Medicine - reNEW and Leiden University Medical Center, The Netherlands <i>Real-time, label-free tracking of cardiomyocyte identity and apoptosis in hiPSC cardiac co-cultures</i>
	<i>5 min buffer</i> Chair: Agnete Kirkeby
10:20-10:50	Coffee & Exhibitors - outside Lundsgaard Auditorium, Panum (Blegdamsvej 3, 2200 Copenhagen)
10:50-12:15	Session 6
10:50-11:20	Olivier Pourquié , Scientific Co-Founder and Chief Biology Officer, Cellular Intelligence <i>Engineering Cell Fate: A Foundation Model for Virtual Cell Signaling</i>
11:20-12:05	CLOSING KEYNOTE - Lorenz Studer , Founding Director, SKI Center for Stem Cell Biology and Enid A. Haupt Chair in Developmental Biology, Memorial Sloan Kettering Cancer Center, USA <i>title tba</i>
	<i>10 min buffer</i> Chair: Christian Clausen
12:15-12:30	Closing remarks & Poster Award Presentation - Kim B. Jensen & Christian Clausen
12:30-13:30	Lunch - outside Lundsgaard Auditorium, Panum (Blegdamsvej 3, 2200 Copenhagen)
13:30-14:00	Poster Take-Down & Departure