

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

hiPSC derived cardiovascular cells for safety pharmacology and drug screening in disease

09:55-10:25 **Lauriane Cabon**, Group Lead - Applied Organoid Technologies, Roche Institute of Human Biology, Switzerland

Next-Generation Drug Discovery: Harnessing the Power of Advanced Multicellular Systems

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

Modelling hepatocytes injury using liver organoids

11:30-11:45 **Janko Kajtez**, Assistant Professor, NNF Center for Stem Cell Medicine - reNEW, University of Copenhagen, Denmark

Development of a neuron-glia tri-culture model of sporadic Parkinson's disease for phenotypic drug screening

11:45-12:00 **Klaudia Grieger**, Post-Doc, Fraunhofer Institute for Toxicology and Experimental Medicine ITEM, Hannover, Germany

Evaluating inflammatory signaling and therapeutic modulation of macrophages using advanced human innate immune cell technologies

12:00-12:15 **Colin O'Hern**, DO / PhD Candidate, Michigan State University, USA

An Immunocompetent Human Heart Macrophage Assembloid to Model NLRP3 Inflammasome-Induced Atrial Arrhythmias

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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

BMP, MEK and WNT inhibition: a novel dSMAD-independent paradigm for rapid generation of hiPSC-derived neurons amenable to regional patterning

14:00-14:15 **Astrid M. Baatrup**, Post-Doc, NNF Center for Stem Cell Medicine - reNEW and University of Copenhagen, Denmark

High-Content Screening in human ileal organoids reveals new insight into L-cell function and hormone expression

14:15-14:30 **Annika Mordelt**, PhD Student, Department of Human Genetics, Radboudumc, Nijmegen, The Netherlands

MEA-LINK: a systems biology approach to screen for immune drivers of neuronal activity in human iPSC-derived microglia-neuron co-cultures

14:30-14:45 **Nathalia Ferreira**, Post-Doc, Max Planck Institute for Multidisciplinary Sciences, Göttingen, Germany

Integrated Organoid-Immune Platforms for Evaluating Nanovaccine and CAR T Cell Immunotherapies in Pancreatic Cancer

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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

Bonafide stem-cell models to accelerate drug development

16:00-16:15 **Laura R. Rodríguez**, Post-Doc, Lund Stem Cell Center, Lund University, Sweden

An engineered human 5xFAD iPSC-based model capturing the core hallmarks of Alzheimer's disease

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

Drug discovery using human stem cell models of the heart

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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	Mariaceleste Aragona , Associate Professor, NNF Center for Stem Cell Medicine - reNEW, University of Copenhagen, Denmark <i>In vitro models of the bladder urothelium in high content therapeutic screening</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