

# Advances in Cell Based Screening 2017

ASTRAZENECA, GOTHENBURG, SWEDEN  
10<sup>th</sup> - 11<sup>th</sup> May 2017

## FINAL PROGRAMME

### DAY 1: WEDNESDAY 10<sup>TH</sup> MAY

ADVANCED CELLULAR MODELS	
09:30 - 09:35	<b>Conference Director's Opening Remarks &amp; Introduction of Keynote</b> Per-Erik Strömstedt (AstraZeneca)
09:35 - 10:20	<b>PLENARY KEYNOTE: Robert Vries</b> (Hubrecht Organoid Technology) <b>Organoids, the next step to personalized drug development and treatment</b>
10:20 - 10:30	<b>Session Chairs introduction:</b> Alexander Kvist (AstraZeneca)
10:30 - 11:00	<b>Primary human hepatocyte spheroids for mechanistic hepatotoxicity studies and drug target validation under normal and diseased conditions</b> Volker Lauschke (Karolinska Institute)
11:00 - 11:30	<b>COFFEE BREAK</b>
11:30 - 12:00	<b>Generation of glucose responsive beta cells from purified hESC-derived pancreatic progenitors</b> Jacqueline Ameri (DanStem)
12:00 - 12:30	<b>VENDOR SNAPSHOT: Scott Cribbes</b> (Nexcelom)
12:30 - 13:00	<b>Mesenchymal cell diversity in airway tissue repair</b> Gunilla Westergren-Thorsson (Lund University)
13:00 - 14:20	<b>LUNCH - EXHIBITION - POSTERS</b>
'OMICS FOR SCREENING AND PROFILING	
14:20 - 14:30	<b>Session Chairs introduction:</b> Sten Linnars (Karolinska Institute)
14:30 - 15:00	<b>An atlas of mouse brain cell types by single-cell RNA-seq</b> Sten Linnars (Karolinska Institute)
15:00 - 15:15	<b>VENDOR SNAPSHOTS:</b> Tomas Hejhal (InSphero) Michael Dabrowski (Pelago Bioscience) Zoe Allen (Axol Bioscience Ltd)
15:15 - 15:45	<b>COFFEE BREAK</b>
15:45 - 16:15	<b>From genotype to molecular phenotype by cancer proteomics</b> Janne Lehtio (Karolinska Institute)
16:15 - 16:30	<b>VENDOR SNAPSHOTS:</b> Katja Ahokas (Promega Biotech AB) Anders Bergkvist (Merck)
16:30 - 17:00	<b>POSTER TASTERS:</b> Johanna Decastroarce (GE Healthcare) Helena Almqvist (Karolinska institute)
17:00 - 18:30	<b>NETWORKING, DRINKS RECEPTION</b>

### DAY 2: THURSDAY 11<sup>TH</sup> MAY

TARGET ENGAGEMENT & DECONVOLUTION	
09:30 - 09:35	<b>Conference Directors' Opening Remarks &amp; Introduction of Keynote</b> Per-Erik Strömstedt (AstraZeneca)
09:35 - 10:20	<b>PLENARY KEYNOTE: Neil Carragher</b> (University of Edinburgh) <b>Advances in Cell-based Assay Technologies: New Opportunities in Cell Pharmacology, in vitro Pharmacogenomics and a new era of Phenomics Drug Discovery</b>
10:20 - 10:30	<b>Session Chairs introduction:</b> Steve Rees (AstraZeneca)
10:30 - 11:00	<b>Chemoproteomics and Thermal Protein Profiling as tools for Target Identification and to investigate Target Engagement</b> Fridrich Reinhard (GlaxoSmithKline)
11:00 - 11:30	<b>COFFEE BREAK</b>
11:30 - 11:45	<b>VENDOR SNAPSHOTS:</b> James Hutt (Perkin Elemer) Kalpana Singh (Miltenyi Biotec GmbH)
11:45 - 12:15	<b>Target Identification for Biologics from Phenotypic Screening</b> Alan Sandercock (MedImmune Ltd)
12:15 - 12:35	<b>VENDOR SNAPSHOTS:</b> David Mann (Cellular Dynamics) Sarah Hardison (Horizon Discovery Ltd) Miles Rackliff (IntelliCyt)
12:35 - 13:50	<b>LUNCH - EXHIBITION - POSTERS</b>
APPLIED PHENOTYPIC SCREENING	
13:50 - 14:00	<b>Session Chairs introduction:</b> Neil Carragher (University of Edinburgh)
14:00 - 14:30	<b>A High-Throughput phenotypic screen identifies modulators of human pancreatic <math>\beta</math>-cell proliferation for Type II Diabetes</b> Sinead Knight (AstraZeneca)
14:30 - 15:00	<b>Phenomics in precision medicine of solid tumors</b> Vilja Peitaiainen (Institute for Molecular Medicine Finland)
15:00 - 15:30	<b>Screening a Neuronal Model for Synucleinopathies</b> Marc Bickle (Max Planck Institute of Molecular Cell Biology and Genetics)
15:30 - 16:00	<b>CLOSE OF CONFERENCE</b>



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