



Programme

10th November 2019 (Sunday)

| Time | Activity |
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| 1000 | Welcome and opening address, HCA-Asia, AIDA (Shyam Prabhakar) |
| 1015 | Overview of HCA activities (Jay Shin) |
| 1030 | Overview of HCA Asia – AIDA (Shyam Prabhakar and Park Woong Yang) |
| 1045 | CZI funding opportunities and infrastructure for HCA (Jonah Cool) |
| 1100 | TEA BREAK |
| 1130 | Seyhan YAZAR Garvan Institute for Medical Research <i>Single Cell eQTL Mapping Identifies Cell-type Specific Control of Complex Disease</i> |
| 1145 | Florent GINHOUX Singapore Immunology Network (SIgN) <i>Macrophage and Dendritic Cell Biology: From Development to Functions</i> |
| 1200 | Jay SHIN RIKEN Center for Integrative Medical Sciences <i>Building Towards Human Promoter and Enhancer Atlas at the Single Cell Resolution</i> |
| 1215 | Jonathan LOH Institute of Molecular and Cell Biology (IMCB) <i>Parallel Bimodal Single-cell Sequencing of Transcriptome and Chromatin Accessibility</i> |
| 1230 | LUNCH AND POSTER SESSION |

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| 1400 | GUO Guoji Zhejiang University School of Medicine <i>A Human Cell Landscape for Cell Type Identification at the Single-Cell Level</i> |
| 1415 | Alex SWARBRICK Garvan Institute of Medical Research <i>Multidimensional Single Cell Analysis of the Tumour Microenvironment</i> |
| 1430 | Angela WU Hong Kong University of Science and Technology |
| 1445 | TEA BREAK |
| 1515 | Breakout 1a: Immune Atlas (Seminar Room, L2, GIS) Breakout 1b: Stem Cells / iPS / Development (Breakthrough Theatre, L4, Matrix) |
| 1645 | Report back from Breakout Session |
| 1715 | Kristin ARDLIE (keynote speaker) Broad Institute of MIT & Harvard |
| 1750 | End of Day 1 |
| 1800 | Board bus for dinner (invited guests only) |
| 1830 | Dinner (venue tbc) |
| 11th November 2019 (Monday) | |
| 0900 | Piero CARNINCI RIKEN Center for Integrative Medical Sciences <i>Single Cell Transcriptomics in Ageing Populations</i> |
| 0915 | MINODA Aki RIKEN Center for Integrative Medical Sciences <i>Capturing Immunosenescence of the Innate Immune System at the Single Cell Resolution</i> |
| 0930 | Ramanuj DASGUPTA Genome Institute of Singapore |

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| 0945 | KIM Seon Young Korea Research Institute of Bioscience and Biotechnology (KRIBB) <i>Transcriptomic Profiling of Stomach Organoids Derived from Gastric Corpus Using Single Cell RNA-Seq</i> |
| 1000 | Alistair FORREST The Harry Perkins Institute of Medical Research <i>Systematic Bias Assessment in Solid Tissue 10x scRNA-seq Workflows</i> |
| 1015 | LEE Hae Ock Samsung Genome Institute, Samsung Medical Center <i>Molecular and Cellular Reprogramming of Cancer During the Disease Progression</i> |
| 1030 | TEA BREAK |
| 1100 | ZHANG Xuegong Tsinghua University |
| 1115 | HWANG Daehee Seoul National University |
| 1130 | Isaac GOH Newcastle University |
| 1145 | Shyam PRABHAKAR Genome Institute of Singapore |
| 1200 | LUNCH AND POSTER SESSION |
| 1330 | Breakout 2a: Bioinformatics & Databases (Breakthrough Theatre, L4, Matrix) Breakout 2b: Cancer Atlas (Seminar Room, L2, GIS) |
| 1500 | Report back from breakout sessions |
| 1530 | TEA BREAK |
| 1600 | Planning: ongoing, new HCA-Asia flagship projects, funding |
| 1730 | Summary |
| 1740 | End of Day 2 |