

HUMAN CELL ATLAS

HCA ASIA MEETING OKINAWA JAPAN
NOV30-DEC1,2017

Day 1: Thursday, November 30, 2017

13:00-14:00 [Registration](#)

14:00-15:00 Session I: Commencement
Session chair: Piero Carninci

Welcome	Piero Carninci
Human Cell Atlas	Jay Shin
Chan Zuckerberg Initiative	Kevin Moses

15:00-16:00 Session II: Imaging technologies
Session chair: Shyam Prabhakar

Imaging Technologies for single cell analysis
Okada Yasushi/RIKEN
Super-resolution microscopy
Sang-Hee Shim/Korea University
MER-FISH
Kok Hao Chen/Genome Institute of Singapore A*Star
Single cell seq based on histological locations
Kyeung Min Joo/SungKyunKwan University School of Medicine

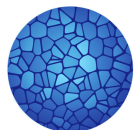
16:00-16:30 [Coffee break](#)

16:30-17:45 Session III: Single cell genomics technologies
Session chair: Roger Foo

Single cell analytical platform
Yutaka Suzuki/University of Tokyo
Simultaneous gDNA and total RNA
Woong-Yang Park/Samsung Medical Center
Tumor microenvironment by Nx1-seq
Shinichi Hashimoto/Kanazawa University
Cell reprogramming by convert-seq
Jay Shin/RIKEN

17:45-18:00 Transport to Rizzan Hotel

18:00-20:00 [Dinner reception @ RIZZAN](#)



Day 2: Friday, December 1, 2017

9:00

Session start

9:00-10:30

Session IV: Cancer biology
Session chair: Young Joon Kim

Tumor and method

Shyam Prabhakar/Genome Institute of Singapore, A*Star

Detecting somatic mutations in single cells

Young Seok Ju/KAIST

Drug resistance and Intra-tumor heterogeneity

Ramanuj DasGupta/Genome Institute of Singapore, A*Star

Drug-induced cellular response

Erik Arner/RIKEN

10:30-11:00

Coffee break

11:00-12:30

Session V: Stem cells/ageing
Session chair: Jong Hoon Park

Hair follicle stem cells

Hironobu Fujiwara/RIKEN

Pluripotency

Kuniya Abe/RIKEN

Ageing

Aki Minoda/RIKEN

10x Genomics (sponsor talk)

Tarjei Mikkelsen/10x

12:00-12:30

Session VI: Databases
Session chair: Jay Shin

SHOGoiN database

Wataru Fujibuchi/Kyoto University

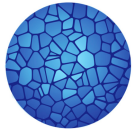
Gene Expression Commons

Jun Seita/RIKEN

Group Photo

12:30-14:00

Lunch @ OIST cafeteria



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14:00-15:30 Session VII: Breakout session

Single cell genetics (?)
Single cell disease (?)
Single cell Asia network (?)

15:30-16:00 Coffee break

16:00-17:15 Breakout session report and discussion

17:15-17:30 Closing remarks

Young Joon Kim

Hosted by the Okinawa Institute of Science and Technology (OIST) and kindly supported by The Chan Zuckerberg Initiative (CZI) and 10x Genomics.

