

AUGMENTED CELL BIOLOGY WORKSHOP

Date and Time Wednesday, December 4, 2019 from 1 PM
Venue Building 3-s ENEOS Hall
Research Center for Advanced Science and Technology, The University of Tokyo
<https://www.rcast.u-tokyo.ac.jp/en/access.html>
Organizers Dr. Nozomu Yachie (The University of Tokyo)
Dr. Takanori Takebe (Cincinnati Children's Hospital)

SCHEDULE

12:30 PM *Registration with coffee*

01:00 PM Opening remarks by Dr. Nozomu Yachie

Session 1 (Chair: Dr. Nozomu Yachie)

01:10 PM **Dr. Takanori Takebe** (*Cincinnati Children's Hospital*)
Organoid by Design

01:50 PM **Dr. Kyle Loh** (*Stanford University*)

A roadmap for how diverse types of human tissue progenitors emerge from pluripotent stem cells

02:30 PM **Dr. Sadao Ota** (*The University of Tokyo*)
Updating imaging cytometry with machine learning

03:10 PM *Coffee break*

Session 2 (Chair: Dr. Sadao Ota)

03:30 PM **Dr. Nozomu Yachie** (*The University of Tokyo*)
Recording cellular and molecular events in DNA

04:10 PM **Dr. Takanari Inoue** (*Johns Hopkins University*)
Generating force in cells at will

04:50 PM **Dr. Gray Camp** (*Institute of Ophthalmology Basel*)
Organoids and single-cell genomics

05:30 PM Closing Remarks by Dr. Takanori Takebe