



1st ASHBi Mathematical Biology Workshop Program

Date & Time: 10am-6pm on Friday, 23rd August, 2019

Venue: Seminar room (2F), KUIAS main building, Kyoto University

10:00-10:50 **Hideki Ueno** (Department of Microbiology, Global Health and Emerging Pathogens institute, Icahn School of Medicine at Mount Sinai)

“Human T cell differentiation and potential application of mathematical modeling”

11:00-11:50 **Shingo Iwami** (Department of Biology, Kyushu University)

“Mathematical model-based approach for quantitative data analysis in life sciences”

13:30-14:20 **Cantas Alev** (ASHBi, Kyoto University)

“Recapitulating human mesoderm development in vitro”

14:30-15:20 **Masakazu Akiyama** (MIMS, Meiji University)

“Experimental and theoretical study on biological left-right asymmetry”

15:50-16:40 **Yoji Kojima** (CiRA, Kyoto University)

“Decoding the transcriptional network of human germ cell specification”

16:50-17:40 **Yusuke Imoto** (ASHBi, Kyoto University)

“Statistical causal discovery for gene regulatory network”

Organizer: Yusuke Imoto, Yasu Hiraoka (WPI-ASHBi, Kyoto University)