

Program

TARA International symposium: Biological and Structural Mechanisms of Cellular Dynamics 8 March, 2019

9:30–10:10	Registration @1F Auditorium, IIIS Building, Tsukuba University
10:10–10:20	Opening Address • Jun-ichi Hayashi (Director, TARA, University of Tsukuba)
10:20–10:30	Welcome Address • Hideo Kigoshi (Vice President, University of Tsukuba)
10:30–11:50	SESSION 1 “Peptides and metabolism” Chair: Satoru Kobayashi (Professor, TARA, University of Tsukuba)
10:30–11:10	• Masashi Yamada (Assistant Research Fellow, Academia Sinica) “Function of a small peptide in root meristem development in Arabidopsis.”
11:10–11:50	• Tamaki Suganuma (Research Scientist, Stowers Institute for Medical Research) “Adjustment of sulfur amino acid catabolism by MPTAC prevents dementia.”
11:50–13:00	Lunch
13:00–14:30	SESSION 2 “Structural basis of cellular dynamics” Chair: Kenji Iwasaki (Professor, TARA, University of Tsukuba)
13:00–13:10	• Kenji Iwasaki (Professor, TARA, University of Tsukuba) “Introduction of Iwasaki “structural life science” project”
13:10–13:50	• Naoki Horikoshi (Postdoctoral Research Fellow, Stanford University) “Identification and development of small molecule compounds targeting enzymes and protein-protein interactions associated with blood disorders”
13:50–14:30	• Lee-Wei Yang (Professor, National Tsing Hua University) “Ribosome is signaled to roll to promote programmed ribosomal frameshifting”
14:30–14:45	Coffee break
14:45–16:05	SESSION 3 “Cellular dynamics and disease” Chair: Akira Shibuya (Professor, TARA, University of Tsukuba)
14:45–15:25	• Shinichi Fukuda (Assistant Professor, University of Virginia) “Accumulation of retrotransposon and activation of inflammation in age related macular degeneration.”
15:25–16:05	• Michelle Tallquist (Professor, University of Hawaii) “Cardiac fibroblasts in development and disease”
16:05–16:20	Coffee break
16:20–17:40	SESSION 4 “New therapy based on cellular dynamics” Chair: Hiromi Yanagisawa (Professor, TARA, University of Tsukuba)
16:20–17:00	• Zhi-Ping Liu (Associate Professor, University of Texas Southwestern Medical Center) “Genetic and pharmacological targeting of histone lysine demethylase in pathological cardiac remodeling”
17:00–17:40	• Hong-Gang Wang (Professor, Penn State College of Medicine) “New insights into autophagosome closure: molecular mechanisms and therapeutic implications.”
17:40–17:50	Closing Remarks • Akiyoshi Fukamizu (Deputy Director, TARA, University of Tsukuba)