



THE 16TH NIKKO INTERNATIONAL SYMPOSIUM 2019

Recent Advances in Biomedical Research



Date: Thursday October 3rd, 2019
Venue: JMU Education & Research Center

Session 1: Toward Restoration of Cardiac Functions

- 10:45~ Hideki Uosaki, Jichi Medical University
“Hormonal and Transcriptional Regulation of Cardiomyocyte Maturation”
- 11:05~ Keiichi Fukuda, Keio University
“Clinical Application of HLA-matched iPS cell-derived Ventricular Cardiomyocytes for the Treatment of Severe Congestive Heart Failure”

Session 2: Frontiers in Translational Hematology

- 13:30~ Yu Akahoshi, Jichi Medical University
“Treatment Strategies in Allogeneic Transplant Recipients with Ph⁺ ALL in the Dasatinib Era”
- 13:50~ Shinya Kimura, Saga University
“Achievements and Limitations of Tyrosine Kinase Inhibitors and Development of Demethylating Agents”
- 14:35~ Toshio Suda, National University of Singapore / Kumamoto University
“Mitochondria Metabolism in Hematopoietic Stem Cells”

Session 3: New Horizons in Genome Science

- 15:55~ Eri H. Hayakawa, Jichi Medical University
“Real-time Imaging of Cholesterol Sorting in *P. falciparum*-erythrocytes by Label-free 3D Holotomographic Microscopy”
- 16:15~ Nicholas F Parrish, RIKEN Center for Integrative Medical Sciences
“Genetic Basis of Self Recognition in Immunobiology”
- 17:00~ Satoru Miyano, The Institute of Medical Science, The University of Tokyo
“Accelerating Cancer Big Data Analysis by Artificial Intelligence and Supercomputer”



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