

14th Surugadai International Symposium
“BIG-DATA DRIVEN BIOLOGICAL & MEDICAL SCIENCES”

November 26, 2015 9:00-15:00

Akio Suzuki Memorial Hall M&D Tower 2F

9:00-9:10 Opening Remarks

Johji Inazawa (Medical Research Institute, TMDU)

Session 1 9:10-10:10

Chair : Dr. Masaaki Muramatsu (Medical Research Institute, TMDU)

9:10-9:30 Dr. Shumpei Ishikawa (Medical Research Institute, TMDU)

Title : Genomic Profile of Diffuse-type Gastric Carcinoma

9:30-9:50 Dr. Tatsuhiko Tsunoda (Medical Research Institute, TMDU)

Title : Omic big data drives personalized/preemptive medicine

9:50-10:10 Dr. Yoshio Miki (Medical Research Institute, TMDU)

Title : Research & Clinical Activities for Hereditary Breast and Ovarian Cancer in Japan

10:10-10:20 Coffee Break

Session 2 10:20-12:10

Chair : Dr. Tatsuhiko Tsunoda (Medical Research Institute, TMDU)

10:20-10:50 Dr. Koichi Takeda (IBM Research - Tokyo)

Title: IBM Watson Question-Answering System and its Medical Applications

10:50-11:20 Dr. Shinya Kuroda (Graduate School of Science, The University of Tokyo)

Title : Transomic Analysis of Insulin Action

11:20-11:30 Coffee Break

11:30-12:10 Dr. Richard Weinshilboum (Mayo Medical School, Mayo Clinic)

Title : Breast Cancer Pharmacogenomics

12:10-13:20 Lunch Break

Session 3 13:20-14:05

Chair : Dr. Shigetaka Kitajima (Medical Research Institute, TMDU)

13:20-13:35 Dr. Jun Inoue (Medical Research Institute, TMDU)

Title : The potential of autophagy-based cancer therapy

13:35-13:50 Dr. Seiya Imoto (The Institute of Medical Science, The University of Tokyo)

Title : Dynamic Network Analysis for Predicting Cancer Prognosis based on Transcriptome Data

13:50-14:05 Dr. Yukinori Okada (Graduate School of Medical and Dental Sciences, TMDU)

Title : Statistical Genetics for Drug Discovery

14:05-14:20 Coffee Break

Session 4 14:20-14:50

Chair : Dr. Shumpei Ishikawa (Medical Research Institute, TMDU)

14:20-14:50 Dr. Makoto Suematsu (Japan Agency for Medical Research and Development)

Title : AMED: Mission and Perspectives

14:50-15:00 Closing Remarks

Fumitoshi Ishino (Director, Medical Research Institute, TMDU)