

53rd IMSUT Founding Commemorative Symposium

Multi-omics: Opening New Frontiers in Medicine

13:00-17:00, May 29 (Fri.), 2026

Auditorium, Building 1

Chairperson Associate Professor : Naoki Tanimizu

Opening remarks Dean / Professor : Atsushi Iwama 13:00-13:10

1. **Unlocking the Non-coding Genome through Genetic Association Studies of Molecular Phenotypes** 13:10-13:50

Professor : Natsuhiko Kumasaka (Division of Digital Genomics, The Human Genome Center, The Institute of Medical Science, The University of Tokyo)

2. **Multiomics based integrative modeling for the understanding and prediction of cell dynamics and diseases** 13:50-14:30

Professor : Kenji Kamimoto (Department of Systems Biomedical Science, Research Institute for Microbial Diseases, The University of Osaka)

- Break -

14:30-14:50

Chairperson Professor : Yasuhito Nannya

3. **Proteomic Landscape of the Ubiquitin-Proteasome System: From Mechanisms to Drug Discovery** 14:50-15:30

Professor : Yasushi Saeki (Division of Protein Metabolism, The Institute of Medical Science, The University of Tokyo)

4. **Encoding of Spatial Information in Cancer Tissues and Its Biological Interpretation** 15:30-16:10

Professor : Shumpei Ishikawa (Department of Preventive Medicine, Graduate School of Medicine, The University of Tokyo)

5. **Biology of LipoQuality and the Lipidome Atlas** 16:10-16:50

Professor : Makoto Arita (Keio University Faculty of Pharmacy, WPI-Bio2Q, RIKEN-IMS)

Closing remarks Vice-Dean / Professor : Mutsuhiro Takekawa 16:50-17:00