

International Symposium on

Cancer. Aging Biology and Bioinformatics

Toward Omics-Driven Prevention and Medicine for
Aging and Cancer

2025.2.18

**Venue: Taniguchi Memorial Hall, 1st Floor, Integrated
Life Science Bldg.**

14:00-14:30 Guang-Hui Liu Institute of Zoology, Chinese Academy of Sciences

Programming and Reprogramming of Aging

14:35-15:05 Itai Yanai Grossman School of Medicine, New York University

Single-bacterium RNA-Seq reveals principles of genome regulation and antibiotic persisters

15:10-15:30 Shimpei Kawamoto Research Institute for Microbial Diseases, Osaka University

Age-related disruption of the crosstalk between host and gut microbiota through B cell senescence

15:30-15:50 Kenji Kamimoto Research Institute for Microbial Diseases, Osaka University

Decode, predict, and control biological systems and diseases through integrative modeling approaches

16:05-16:35 Shinpei Kawaoka Institute of Development, Aging and Cancer, Tohoku University

Multi-modal data analyses to understand cancer cachexia, enhancer-dependent gene regulation, and physiological responses to daily activities

16:40-17:10 Kiyoshi Asai Graduate School of Frontier Sciences, The University of Tokyo

Probabilities and Differentiation in RNA Sequence Design



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