TARA
筑波大学 生存ダイナミクス研究センター
Life Science Center for Survival Dynamics, Tsukuba Advanced Research Alliance

TARA International Symposium 2026

Date December 18th Friday, 2026

Venue International Conference Room, University Hall
University of Tsukuba

12:45–12:50 Welcome Address — Mitsuyasu Kato, Provost, University of Tsukuba

12:50–12:55 Opening Remarks — Hiromi Yanagisawa, Director of TARA

12:55–13:20 **Aya Shiba**
Institute of Medicine, University of Tsukuba
Spatially resolved OXPHOS vulnerability delineates
a cytotoxic T cell-poor niche in lung adenocarcinoma

13:20–14:00 **Chih-Chiang Chan**
National Taiwan University, Taiwan
Visualizing the Sphingolipid Network in Real Time:
TraCer Reveals Ceramide Dynamics
During Lysosomal Damage

14:00–14:25 **Ryo Fujita**
Institute of Medicine, University of Tsukuba
Transcriptional Control of Fast Myofiber Identity:
Implications for Muscle Aging and Sarcopenia

14:25–15:05 **Pierre Leopold** Curie Institute, France
Organ growth and size control
during Drosophila development

15:20–15:45 **Yuya Sanaki** TARA Center, University of Tsukuba
Sphingolipid complex shapes cancer cachexia risk

15:45–16:10 **Mamiko Sakata-Yanagimoto**
Institute of Medicine, University of Tsukuba
Immune cells derived from clonal hematopoiesis
regulate cancer metastasis

16:10–16:50 **Keisuke Goda** University of Tokyo, Japan
Platform Technologies for AI for Science
~ Intelligent Imaging across Biological Scales ~

16:50–16:55 Closing Remarks — Ryusuke Niwa, Deputy director of TARA, Organizer

17:30–19:30 Banquet @ 2A Canteen

Free registration

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