

The UTokyo-KI LINK workshop

Precision Medicine and 3D Genomics

September 30, 2025, IQB lecture hall

- 10:00 Katsuhiko Shirahige The University of Tokyo, Institute for Quantitative Biosciences
“Resolving Cohesin Paradox-Transcriptional regulation by Cohesin”
- 10:20 Camilla Engblom Karolinska Institutet, Dept. of Cell and Molecular Biology
“Spatially resolving antigen receptors in cancer tissue and beyond”
- 10:40 Taku Okazaki The University of Tokyo, Institute for Quantitative Biosciences
“Understanding and manipulating immune checkpoints in cancer and autoimmunity”
- 11:00 Maria Kasper Karolinska Institutet, Dept. of Cell and Molecular Biology
“Decoding the Molecular Design of Skin”
- 11:20 Yutaka Suzuki The University of Tokyo, Graduate School of Frontier Sciences
“Multiomics spatial analysis to reveal the cancer cell diversity”
- 11:40 Yukihide Tomari The University of Tokyo, Institute for Quantitative Biosciences
“The molecular mechanism of RNA silencing and beyond”
- 12:00 [Lunch \(EU Horizon registration required\)](#)
- 13:30 Hitoshi Kurumizaka The University of Tokyo, Institute for Quantitative Biosciences
“Decoding Chromatin Structural Versatility and Dynamics by Cryo-EM for Genome Function”
- 13:50 Takashi Fukaya The University of Tokyo, Institute for Quantitative Biosciences
“Visualization of Ultra-Long-Range Enhancer-Promoter Communication in Living Embryos”
- 14:10 Åsa Wheelock Karolinska Institutet, Dept. of Medicine
“Multi-omics data integration to improve the power of patient subgrouping in inflammatory lung disease: – well worth the money spent?”
- 14:30 [Break](#)
- 14:40 Seitaro Nomura The University of Tokyo, Graduate School of Medicine
“Chromatin DNA pathology in heart failure”

- 15:00 Magnus Boman Karolinska Institutet, Dept. of Medicine
“Goners identification for Functional Precision Medicine”
- 15:20 Yukiko Matsunaga The University of Tokyo, Institute of Industrial Science
“Spatiotemporal Analysis of Vascular Remodeling during Disease Progression and Tissue Regeneration”
- 15:40 Carsten Daub Karolinska Institutet, Dept. of Medicine
“Integrating Spatial Transcriptomics and corresponding tissue section imaging data for breast cancer research”
- 16:00 EU Horizon
- 16:20 [Closing Remarks](#)