



# 第 485 回つくば分子生命科学セミナー

**TSUKUBA MOLECULAR LIFE SCIENCE SEMINAR**

Title : Tumor microenvironment-based omics technologies.

Speaker : Dr. Ken Matsumoto

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Data : May 29, 2025 17:00-18:30

Venue : Seminar Room 483

Abstract :

Spatial omics is a fast-growing field. This technique can reveal the spatial distribution of genes expressions and proteins in biological tissues to provide a better understanding of the phenotype and activity of cells. It is highly expected that spatial profiling technique can be useful to understand disease progression, identifying biomarkers, developing therapeutics and monitoring therapeutic response. In this lecture, I introduce recent several spatial techniques and discuss about their strong points and weak points. Moreover, I introduce my recent activities as a Science and Technology Fellow of the Mission of Japan to the European Union in Brussels. My task is to work on supporting science and technology cooperation including the researchers' network linking Japanese and European scientific communities.

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