

Yasuhiro Kojima

Laboratory Head

Laboratory of Computational Life Science

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Education

Ph.D. in Computational Biology and Medical Science, The University of Tokyo, Tokyo, Japan

Completed 2020

MSc of Science in Bioinformatics, The University of Tokyo, Tokyo, Japan Graduated 2017

BSc of Science in Bioinformatics, The University of Tokyo, Tokyo, Japan Graduated 2015

Research Experience

Laboratory Head, National Cancer Center Computational Life Science Unit, Japan 2023 - Present

Project Lecturer, Tokyo Medical and Dental University, Computational Systems Biology, Japan 2023

Specially Appointed Lecturer, Nagoya University, Systems Biology, Japan 2022

Specially Appointed Assistant Professor, Nagoya University, Systems Biology, Japan 2021 - 2022

Researcher, Nagoya University, Immunology, Japan 2020 - 2021

Visiting Assistant in Research, Yale University, United States 2019

Research Focus

Development of computational methods for high resolution omics observation technologies, including single-cell and spatial omics analysis. Focusing on the methods combining data-driven approaches, such as deep learning technologies, with mathematical modeling based on deep insights into biological phenomena. Aiming to elucidate systems generate spatiotemporal patterns of omics profiles during biological processes including disease progression and developmental process.