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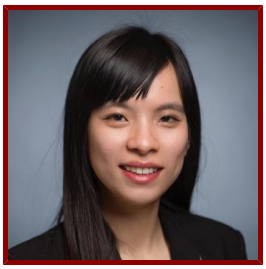

Yuqi Tan

Postdoctoral Scholar, Microbiology and Immunology

Bio

BIO

Dr. Tan is a computational biologist developing innovative tools to quantify cell identity, enhance stem cell engineering, and dissect cancer heterogeneity. During her Ph.D., she specialized in computational and quantitative analysis of single-cell RNA sequencing (scRNA-seq) data, contributing to multiple high-impact publications. As a postdoctoral researcher, she has advanced the integration of single-cell omics with multiplexed imaging to decode high-dimensional tissue architecture in cancer and psychiatric diseases. Her long-term vision is to leverage multi-omics and develop machine learning techniques for both 2D and 3D analysis to uncover how diverse cell types and their interactions shape development, aging, and disease.

STANFORD ADVISORS

- Garry Nolan, Postdoctoral Faculty Sponsor

Research & Scholarship

LAB AFFILIATIONS

- Garry Nolan, Nolan lab (4/1/2021)

Publications

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