

Stanford



Yuqi Tan

Postdoctoral Scholar, Microbiology and Immunology

Bio

BIO

Dr. Tan is a computational biologist who develops computational tools to quantitatively assess cell identity, improve stem cell engineering, and understand cancer heterogeneity. As a Ph.D. student, Dr. Tan routinely performs computational and quantitative analysis on scRNA-seq data, which has resulted in several publications. Currently, at her postdoctoral position, Dr. Tan integrated single-cell omics with multiplexed image data to understand high dimensional tissue architecture in cancer. Dr. Tan's long-term aims are to integrate multi-omics to understand how different cell types and their interactions contribute to development and disease.

STANFORD ADVISORS

- Garry Nolan, Postdoctoral Faculty Sponsor

Research & Scholarship

LAB AFFILIATIONS

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

Publications

PUBLICATIONS

- **Treatment management for BRAF-mutant melanoma patients with tumor recurrence on adjuvant therapy: a multicenter study from the prospective skin cancer registry ADOREG.** *Journal for immunotherapy of cancer*
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 - **SingleCellNet: A Computational Tool to Classify Single Cell RNA-Seq Data Across Platforms and Across Species** *CELL SYSTEMS*
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 - **SCD1 and SCD2 Form a Complex That Functions with the Exocyst and RabE1 in Exocytosis and Cytokinesis** *PLANT CELL*
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 - **Assessment of engineered cells using CellNet and RNA-seq** *NATURE PROTOCOLS*
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