

Stanford



Yiyun Chen

Postdoctoral Scholar, Stanford Cancer Institute

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Yiyun Chen, Ph.D. is a Postdoctoral Fellow at Professor Crystal Mackall's group at Stanford Cancer Institute.

Dr. Chen studied biochemistry and structural biology in her undergraduate and master trainings at The Hong Kong University of Science and Technology, where she eventually obtained her Ph.D. degree in computational biology under the supervision of Professor Jiguang Wang. During her Ph.D. training, she has developed her skill sets in analyzing and integrating various types of patient-derived sequencing data, published three first-author and four co-author papers, and received two awards for top postgraduate students. Through interdisciplinary collaborations with cancer biologist and clinicians in US and Asia, her work has uncovered tumor-specific immune cell subtypes and novel noncoding RNAs and generated new insights into precision medicine in glioma, lymphoma and gastric cancer.

Applying her expertise in computational cancer biology and immunology, her current research is focused on identifying molecular mechanisms that contribute to the clinical outcomes of patients undergoing CAR-T immunotherapy. At Mackall Lab, she will contribute to tailoring computational pipelines for profiling the spatiotemporal dynamics of the tumor and immune microenvironment and translate new discoveries into cancer therapeutics.

STANFORD ADVISORS

- Crystal Mackall, Postdoctoral Faculty Sponsor

Research & Scholarship

LAB AFFILIATIONS

- Crystal Mackall (6/15/2022)

Publications

PUBLICATIONS

- **Tumor-Associated Microglia Secrete Extracellular ATP to Support Glioblastoma Progression.** *Cancer research*
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