

Postdoctoral Positions in Translational Cancer Research

The Yin Lab at Albert Einstein College of Medicine is recruiting talented and motivated postdoctoral researchers to work on translational cancer research.

The Albert Einstein Cancer Center is one of the oldest and most established NCI-designated cancer centers in the US. It is a premier early drug development unit focused on first-in-human and biomarker-driven clinical trials of novel cancer therapeutics, associated with cutting edge multidisciplinary translational research focused on development of predictive biomarkers, tumor heterogeneity and evolutionary dynamics, and intrinsic and acquired drug resistance.

Our laboratory applies transgenic mouse models, high-dimensional omics approaches, genome editing technologies, and patient-derived samples to study the genetic basis of chronic lymphocytic leukemia (CLL), and address fundamental questions with regards to disease heterogeneity and resistance to immune checkpoint blockade (*Cancer Cell* 2019 [Cover Story]; *Cancer Cell* 2021; *Cancer Research* 2021; *Cell Reports* 2017; *Cancer Discovery* [in press]). Our research will focus on the mechanisms by which signals produced by myeloid cells with distinct functions, adaptive and innate immune cells impinge on solitary tumor cell behavior. Recent NIH-funded projects include discovering tumor-microenvironment interaction in CLL, and immune regulation of head and neck cancer metastasis initiation. We will be able to interrogate the problems at hand with genetic mouse models and the most advanced imaging tools including longitudinal tissue specific intravital imaging and spatial transcriptomics. The position offers an exciting opportunity to work closely with basic and translational scientists in a highly collaborative and stimulating environment. An explicit goal of our work is to translate laboratory discoveries into novel therapies.

- Job Requirements

The candidate should have a Ph.D. or an M.D./Ph.D or equivalent training. The position seeks applicants with a strong background in one or more relevant areas including molecular biology, genome editing, protein biochemistry, development of animal models, and high-throughput screens. Skills and knowledge in immunology and tumor microenvironment are preferred.

- How to apply

Applicants should submit a cover letter and the curriculum vitae (preferably in a single PDF file). All application materials should be sent by email to the lab P.I. Dr. Shanye Yin at shanye.yin.einstein@gmail.com