



Postdoctoral Positions in Lung Fibrosis at Cedars-Sinai

Postdoctoral Scientist positions are available at the laboratory of Dr. Jiang at Cedars-Sinai Medical Center to investigate mechanisms of pulmonary fibrosis. The projects in the lab include the role of alveolar progenitors, airway epithelial cells, and critical signaling pathways in lung injury, repair, and fibrosis (please see [Nat Med 2016; 22:1285](#); [J Clin Invest. 2016; 126:3063](#); doi.org/10.1101/2020.07.30.229567(JCI in press); and [JCI Insight 2019; 4\(6\)](#)). Experimental approaches employed in our lab include molecular biology, genetically modified mice, prospective isolation of lung progenitor cells from lung explants, organoid culture of lung progenitor cells, single cell RNA-seq, phenotypic screening, and genomics/epigenetics studies.

The candidates are expected to carry out the projects independently with minimal supervision, including designing experiments, formulating new ideas related to the projects, executing experiments proficiently and timely, and analyzing data professionally. The scientists are expected to handle multiple projects, to write scientific papers and reviews, and to present work in scientific conferences. The scientists are expected to supervise students and technicians including assay development, problem solving, interpreting results and planning follow-up experiments.

A recent PhD or MD/PhD in molecular biology, development biology, medicine, or immunology is required. The successful candidates are expected to have hands-on experience in genetically modified mice, mouse models, molecular immunology, and transcriptome analysis. Strong publication record in peer-reviewed journals is required. The candidates are highly motivated, collaborative, and hard working.

Interested candidates should send their CV and research interests to Dr. Dianhua Jiang at Dianhua.jiang@csmc.edu.