



Eli & Edythe Broad Center
for Regeneration Medicine
and Stem Cell Research

Post-doctoral Research Fellows or Staff Scientists

High-Throughput Biology, Single Cell Spatial Genomics & Proteomics and Computational Genomics

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<https://www.complexdisease.org>



The Li Lab at UCSF is seeking skilled and/or highly motivated individuals for full-time postdoc/staff scientist positions. The work will be at the UCSF Parnassus campus. The lab is a main data production site backed by Chan-Zuckerberg Initiative, which generates the paired single-cell epigenome, transcriptome and proteome data from millions of cells across multiple human tissues to directly reveal the cellular origins of complex diseases. These single cell data are also integrated with our spatial transcriptomic and proteomic techniques to achieve *in situ* single cell multiomics profiling.

We are seeking individuals with interest either in high-throughput experiments or large-scale genomic data analysis. For candidates interested in wet lab experiments, he/she is expected to be familiar with existing sequencing technologies, including Illumina short read sequencing and PacBio and Nanopore long read sequencing. Individuals with experience in single cell experiments and stem cell experiments as well as those enthusiastic about new protocol development are highly desired.

For candidates with interest in computational genomics, he/she is expected to have a strong background in genomics and have a solid training in statistics. The candidates are expected to be proficient in Python/R programming languages. Experience with single cell data analysis (10X CellRanger, Scanpy, etc.), machine learning or image analysis (cell segmentation/identification, etc.) will be highly desired.

The candidates will join our highly collaborative project teams with scientists and clinicians from UCSF and Stanford University. Candidates will have the opportunity to receive training in clinical research, big data analysis and the latest genomic technologies. Opportunities for independent research, mentorship of other trainees, and scientific writing will also be available. Salary will be commensurate with experience.

For more information about our research, please email the PI: Jingjing.Li@ucsf.edu

UC San Francisco seeks candidates whose experience, teaching, research, or community service that has prepared them to contribute to our commitment to diversity and excellence. The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age or protected veteran status.