

Post-doctoral position in computational single-cell genomics

The Barreiro and Li labs at the University of Chicago are teaming up to recruit a postdoc to work on computational single-cell genomics. Our labs use a combination of functional genomics and genetics to answer central questions in immunology, disease, and gene regulation with strong relevance to medicine. The exact projects for prospective postdocs are flexible and applicants are encouraged to propose their own projects, as long as they fit within the lab's general interests. Examples of ongoing work using single cell genomics in our labs includes *(i)* characterization of population differences in the immune response in humans at single cell resolution; *(ii)* evaluating the role of epigenetic changes in the regulation of innate immune responses; and *(iii)* using single cell RNA-seq to identify biomarkers of response to biologic treatments in Crohn's disease.

Postdoctoral applicants should have demonstrated experience with genomic data analysis. Strong programming and bioinformatics skills are essential. Candidates with experience in gene expression data analysis, particularly using single cell data are strongly encouraged to apply.

Postdocs in our labs are encouraged to develop collaborations with other groups and to start developing an independent research program. To apply for the position please send an email to Luis Barreiro (lbarreiro@uchicago.edu) and/or Yang Li (yangili1@uchicago.edu) including a cover letter and your resume/CV together with contact information for at least two references. Informal inquiries are also welcome. We will start evaluating applicants on January 15th but start dates are negotiable.