



PROFESSOR OF GENETICS
HARVARD MEDICAL SCHOOL



INVESTIGATOR
HOWARD HUGHES MEDICAL INSTITUTE



FRED ROSEN PROFESSOR OF PEDIATRICS BOSTON
CHILDREN'S HOSPITAL PROGRAM IN CELLULAR &
MOLECULAR MEDICINE

Postdoctoral Positions Available in the Yi Zhang lab at Harvard Medical School

Multiple postdoctoral fellow positions are available at the Yi Zhang lab to study how epigenetic and chromatin modification-mediated transcriptional regulation affects various biological processes, including: 1) preimplantation development; 2) adult stem cell aging; 3) eccDNA-mediated innate immunity; and 4) relationship between pain & addiction.

The lab is using comprehensive approaches, including embryo manipulation, functional genomics, CRISPR-based genetic screen, single cell transcriptomics and epigenomics, MERFISH imaging, organoids, chemogenetics, optogenomics, neuronal tracing, IVSA, and other behavior assays to address the above questions. For more information, please visit:

- 1) The lab web site (<https://www.zhanglab.tch.harvard.edu/>)
- 2) Google Scholar (<https://scholar.google.com/citations?user=7UjSqHEAAAAJ&hl=en&oi=ao>).

We are interested in recruiting ambitious postdocs to push the technical and conceptual boundaries to reveal the unknowns. Applicants should send CV and an explanation as to the specific scientific question he/she would like to address, and why the question is important to Dr. Yi Zhang (yzhang@genetics.med.harvard.edu).