



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

Multiple Postdoctoral Positions Available in the Yi Zhang lab at the Harvard Medical School and Boston Children's Hospital

The Zhang lab is interested in how epigenetic and chromatin modification-mediated transcriptional regulation affects various biological processes, including pre-implantation development, somatic cell nuclear transfer-mediated reprogramming, role of tissue stem cell in aging, brain reward-mediated learning and memory, and how pain relief drug cause addiction. The lab is using a comprehensive approach, including embryo manipulation, somatic cell nuclear transfer, functional genomics, CRISPR-based genetic screen, single cell transcriptomics and epigenomics, MERFISH imaging, organoids, chemogenetics, optogenetics, neuronal tracing, IVSA, and other behavior assays to address the questions. For more information, please visit the lab web site (<https://www.zhanglab.tch.harvard.edu/>) and the Google Scholar (<https://scholar.google.com/citations?user=7UjSqHEAAAj&hl=en&oi=ao>).

We are interested in recruiting ambitious and outstanding postdocs to push the technical and conceptual boundaries to reveal the unknowns. Interested persons are encouraged to send your CV and a statement of research interest to Dr. Zhang (yzhang@genetics.med.harvard.edu).