Postdoctoral Positions Available in the Yi Zhang lab

The Zhang lab is interested in how epigenetic and chromatin modification-mediated transcriptional regulation affects various biological processes, including preimplantation development, somatic cell nuclear transfer-mediated reprogramming, pancreatic cancer, and reward-mediated learning and memory. 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, optogenomics, 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=7UjSqHEAAAAJ&hl=en&oi=ao).

We are interested in recruiting ambitious and outstanding postdocs to push the technical and conceptual boundaries to reveal the unknowns. Applicants with excellent track record and/or the following background are preferred:

- Bioinformatics (with math or computer science BS major)
- Epigenetics and genomics
- Mouse early embryonic development & SCNT
- Innate immunity and biochemistry
- Neurobiology (addiction or pain)
- Stem cells and aging

Applicants please send CV and an explanation as to the specific scientific question he/she would like to address and why the questions can be addressed in the Zhang lab better to Dr. Yi Zhang (yzhang@genetics.med.harvard.edu).