



Lu Zhang

Postdoctoral Scholar, Endocrinology and Metabolism

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Lu is a postdoctoral research scholar in Dr. Anna Gloyn's Translational Genomics of Diabetes Lab. During her master's and doctoral studies, she focused on epigenomics and single-cell multi-omics analysis, with an emphasis on 3D genomics. Her research included developing Hi-Tag, a chromatin conformation capture technique designed for use with small cell samples. This method provides valuable insights into the organization of chromatin in the cell. She has built strong expertise in combining different types of biological data, including RNA-seq, ATAC-seq, chromatin interaction data, and single-cell data. She has contributed to several research projects as a co-author, including studies that used genome-wide association studies (GWAS) and GTEx data to connect multi-omics data with functional genomics. These experiences have helped her gain a deep understanding of how to integrate different types of genomic data to solve complex biological problems. Currently, Lu is focused on applying her research skills to diabetes.

STANFORD ADVISORS

- Anna Gloyn, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Hi-Tag: a simple and efficient method for identifying protein-mediated long-range chromatin interactions with low cell numbers.** *Science China. Life sciences*
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● **Identification and Conservation Analysis of Cis-Regulatory Elements in Pig Liver.** *Genes*

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