

## **Job Posting: Research Technician in Cancer Epigenetics**

Massachusetts General Hospital / Broad Institute of MIT and Harvard  
185 Cambridge Street, Boston

We are seeking a research technician to join the a cutting-edge cancer epigenetics laboratory at Massachusetts General Hospital. The position is intended to provide experimental support for projects related to the regulation of transcription in cancer as well as shared lab management responsibilities. The lab develops and utilizes cutting-edge tools for the genome-wide analysis of chromatin state in normal and malignant cell populations. Areas of ongoing focus include identification of transcriptional regulatory enzymes as novel therapeutic targets and single-cell analysis of the cancer transcriptome and epigenome.

The technician will be trained by postdocs, graduate students, and senior technicians and will provide technical assistance for ongoing projects.

- The ideal candidate will be a highly-motivated individual interested in a career in biological research or medicine
- Technically meticulous when conducting experiments
- Highly organized in record-keeping
- Strong communication and interpersonal skills
- Independent, intellectually passionate and able to display scientific initiative

Duties may include:

- Basic molecular biology techniques (cloning, western blotting, etc.)
- Mammalian cell culture
- RNA-seq and ChIP-seq library preparation for Next-generation sequencing
- Lentivirus production and use for genetic manipulation of cell lines
- Targeted genome editing (CRISPR-Cas9)
- Ordering and stocking of lab supplies

Work will generally be performed at the Simches Research Building on the main campus of MGH. Some responsibilities may require travel to the nearby Broad Institute in Kendall Square, Cambridge. The lab is a highly collaborative, collegial working environment. In addition to technicians, lab trainees include PhD and MD/PhD graduate students, MD clinical specialists in pathology and pediatric oncology, and PhD postdocs concentrating in chromatin biology and computational biology.

Qualifications:

Bachelor's degree or equivalent in the life sciences

Prior research experience beyond a classroom setting

Highly organized and methodical when carrying out experiments

Some previous experience with sequencing-based technologies preferred but not required

Compensation: Discussed following offer

Employment type: Full-time

Contact: [pvangalen@mgh.harvard.edu](mailto:pvangalen@mgh.harvard.edu)