About the lab:

   The Faryabi Lab is a core member of the Penn Epigenetic Institute and Abramson Cancer Center at the University of Pennsylvania. The primary focus of the lab is to elucidate epigenetic drivers of transcriptional addiction in cancer and to learn how to exploit them for new therapies. Our team of experimental and computational researchers work on the intersection of chromatin and cancer biology, and blend in state-of-the-art functional and chromatin conformation genomics, high-content imaging, and advanced computational analysis. With the help of these cutting-edge technologies, we aim to understand how chromatin state and folding are aberrantly regulated in breast and blood cancers.

About the position:

   A successful lab technician candidate will be part of an enthusiastic and goal-oriented multidisciplinary team studying mechanisms of 3D genome reorganization in cancer. The laboratory space is located in the Penn's Abramson Cancer Center. As a core member of the Penn Epigenetic Institute, our team has access to several scientific venues particularly designed to provide a rich multidisciplinary training environment in chromatin biology, epigenetics, cancer biology, and bioinformatics.

   An ideal candidate should have experience with basic molecular biology techniques such as: DNA/RNA isolation, RT-qPCR, immunoblotting, virus packaging, cloning, and cell transduction in mammalian cells. Preference will be given to candidates with experience and interest in chromatin biology. Although the position is for an experimental biologist, a motivated candidate will have opportunity to learn computational analysis of genome-wide epigenetic data sets. Two-year commitment is required.

Further information about the lab can be found at https://faryabilab.com/.

An interested applicant should submit their CV, cover letter, and the contact information of three references to faryabi@pennmedicine.upenn.edu.

Sincerely,

Robert B. Faryabi