

**Laboratory Research Technician in Epigenetics of  
Stem Cells, Development and Cancer  
Albert Einstein College of Medicine, NY**

**Lab background:** We are a basic science lab focused on understanding the epigenetic mechanisms governing the biology of stem cells, development and cancer. We utilize embryonic stem cells, induced pluripotent stem cells and mice as model systems to study how DNA modifying enzymes reshape the epigenome and regulate development and cancer. We anticipate our staff to be involved in lab work ranging from basic molecular biology and tissue culture to gene targeting and mouse colony maintenance and management.

**Minimum education requirements:** BSc or BA or equivalent (in biology or chemistry or relevant basic science field)

**Experience:** One to two years (or more) experience in a research lab.

1. Experience in basic molecular biology required (PCR, cloning, electrophoresis, DNA/RNA preps etc...)
2. Experience with mouse handling and colony management essential (mouse tailing, bleeding, genotyping, weaning, breeding and strain maintenance)
3. Experience with tissue culture required (human and mouse fibroblasts, and stem cells)
4. Prior experience in lab management preferred (ordering supplies, maintaining stocks, solution preparations etc...)

**Position title and hours:** Technician. Hours are typical Monday-Friday 9-5pm, however ability to work somewhat flexible hours (sometimes after hours and sometimes weekends small block of hours as the experiments require) is expected.

**Position responsibilities:**

1. Breeding, weaning, genotyping and maintaining lab mouse strains.
2. Mouse and human fibroblasts and embryonic stem cell culture.
3. Basic molecular biology work: PCR, cloning, electrophoresis, DNA/RNA/Protein preps
4. Ordering supplies, maintenance of lab stocks, solution preparations
5. Occasional histology and microscopy work
6. Occasional after hours and weekend hours if some experiments require.

**Location:** Dawlaty Laboratory, Department of Genetics, Price Center, Albert Einstein College of Medicine, New York. The school is a short commute from the Westchester county and also easily accessible (half hour) by express trains/buses from Manhattan.

To apply, please email your CV and a cover letter summarizing your experience, along with the contact information of three references to [meelad.dawlaty@einstein.yu.edu](mailto:meelad.dawlaty@einstein.yu.edu) addressed to Meelad Dawlaty Ph.D., Assistant Professor of Genetics, Institute for Stem Cell and Regenerative Medicine Research, Albert Einstein College of Medicine, New York, NY