

Postdoctoral Position in Stem cells, Development and Cancer

The Dawlaty Laboratory at the Albert Einstein College of Medicine is actively seeking highly motivated postdoctoral fellows interested in any of the following areas: (1) Epigenetics of embryonic stem cells and development. (2) Hematopoietic stem cells and malignancies. (3) Computational and bioinformatics approaches in stem cell epigenetics.

Research focus: The lab is interested in understanding the epigenetic mechanisms underpinning the biology of pluripotent stem cells, development and cancer. Our work focuses on the role of DNA modifying enzymes (Tet enzymes) in ES cell biology, embryonic development and hematologic malignancies. We use stem cells and mice as model systems and combine bioinformatics, cellular and molecular approaches to study how DNA modifying enzymes reshape the epigenome and regulate cell fate during development and in tumorigenesis. For more details on our research please visit our lab website at www.dawlatylaboratory.com

Lab expertise: The lab specializes in genome engineering methodologies in mouse and human embryonic stem cells and iPSCs and generating complex strains of conditional, inducible, transgenic and knockout mice to dissect epigenetic pathways and mechanisms in vitro and in vivo.

Application Requirements:

1. Ph.D. or M.D. or equivalent degree.
2. A record of publications from PhD or prior postdoctoral training work.
3. Prior training in stem cell and developmental biology, genetics, and molecular biology is preferred.
4. Prior experience in bioinformatics (NGS data analysis such as RNA-seq and ChIP-seq) is highly desired.

To apply, please email your CV and a short cover letter summarizing your experience, along with the contact information of three references to 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

The Scientific Community: Albert Einstein College of Medicine offers a highly interactive and stimulating academic environment for scientists in training who also benefit from the programs within the Gottesman Institute for Stem Cell and Regenerative Medicine, the Department of Genetics, Developmental and Molecular Biology, the Cancer Center and throughout the school. We are located in a pleasant residential area in the northeast corner of New York City with an easy commute to Manhattan and the suburbs of Westchester County. We offer competitive salary and benefit packages with optional postdoctoral housing on campus.