Postdoctoral Fellowship at Harvard Medical School, Center for Computational and Integrative Biology (CCIB) at Massachusetts General Hospital

We are seeking a self-driven individual with expertise in computational genomics to lead projects investigating epigenetics and noncoding RNAs in immunology and development. Candidates must be self-driven, organized, work well in teams and have excellent oral and written communication skills. Candidates must be familiar with Linux-based bioinformatic software data analysis environments including Pearl/Python and R. Specific expertise in analysis of Chromatin Immunoprecipitation/DNA Sequencing (ChIP-Seq), Assay for Transposase-Accessible Chromatin (ATAC-seq) and/or RNA-seq will further strengthen the application. The applicant will receive training in research, grant writing and career development and have the opportunity to collaborate with a vibrant research community within the Harvard Medical School, Massachusetts General Hospital and larger Boston area.

The successful applicant will conduct research within the Dr. Jeffrey http://jeffreylab.mgh.harvard.edu/ and Mullen labs http://mullenlab.mgh.harvard.edu/ who investigate epigenomic regulation of immunity and long non-coding RNA regulation of stem cell development, respectively.

Required Competencies:
● Ph.D. in Bioinformatics, Computational Biology, Immunology, Genetics, Molecular biology, Biochemistry, or related field
● Experience in Linux-based environments
● Expertise with statistical analysis
● Excellent programming skills
● Demonstration of outstanding personal initiative
● Excellent teamwork, time management and organizational skills
● Ability to work independently in a fast-paced, dynamic environment
● Ability to present data to a multidisciplinary audience in a clear and concise manner
● Ability to meet deadlines and multitask efficiently is a must

Principal Responsibilities:
● Work with molecular and computational biology teams in the design and interpretation of omics experiments
● Understand the underlying code of established bioinformatics analysis algorithms so that they can be applied and modified to interpret high throughput profiling data
● Develop new analysis pipelines to better understand genomic data
● Monitor and evaluate new and emerging technologies and computational approaches
● Present scientific and technical data to both internal and external colleagues in a clear and concise manner
● Work independently to resolve time-sensitive issues and balance multiple projects

Interested candidates should send their cover letter, current curriculum vitae and the contact information for three references to KJeffrey@mgh.harvard.edu
Harvard University and Massachusetts General Hospital are equal opportunity/affirmative action employers. Women and minority applicants are particularly encouraged to apply.