

Research Assistant: Sequencing Core

A little about us:

The Lieber Institute for Brain Development (LIBD) was conceived from the realization that a new approach is needed to fully exploit the unprecedented opportunities to accomplish the critical goal of helping affected individuals and their families. The LIBD aims to transform the research landscape in two ways: by providing new tools for scientific discovery and by developing new collaborative approaches to achieve our ambitious mission.

The mission of the Lieber Institute for Brain Development is to translate the understanding of basic genetic and molecular mechanisms of schizophrenia and related developmental brain disorders into clinical advances that change the lives of affected individuals. The Lieber Institute is located in the Bioscience Park on the campus of the Johns Hopkins School of Medicine and Hospital.

Job Summary:

This position focuses primarily on molecular biology techniques. Candidates must have a strong background in biology and have started their career in the laboratory field. The Research Associate works with scientists in order to execute and create experiments to further the next generation sequencing efforts of the work done at LIBD.

Overview of Duties:

Lab techniques including, but not limited to: pipetting, solution creation, DNA and RNA extraction from cell lines and tissues, primer design, operation of liquid handling machines, and operation of next generation sequencing machines.

Works with other scientists to develop and perfect new tools and techniques that enable new technologies and procedures to be validated and brought online.

Perform calculations required to run sequencing reactions.

Professional and Education Requirements:

- A B.S. in molecular biology or related field is required.
- Minimum of 1 year previous laboratory experience is preferred.
- Familiarity with next generation sequencing a plus!
- A strong background in mathematical skills to be able to perform calculations required to run sequencing reactions is strongly desired.
- Strong communication skills, both verbal and written
- Able to work in a collaborative, pioneering environment

To Apply:

Please email your resume and cover letter to jobs@libd.org with **Research Assistant – Sequencing Core** in the subject line.

EEOC Statement: The Lieber Institute for Brain Development is proudly an equal employment opportunity and equal professional advancement employer. Employment decisions at the Lieber Institute for Brain Development are based on merit, qualifications, and abilities. It is our policy that the Lieber Institute does not discriminate in employment opportunities on the basis of race, religion, color, sex, age, marital status, national origin or ancestry, citizenship, physical or mental disability, sexual preference/orientation or veteran status with regard to any position or employment for which the applicant or employee is qualified.