

Job Title: Research Assistant

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. We are an independent 501(c)(3) medical research institute located in the Bioscience Park on the campus of the Johns Hopkins School of Medicine and Hospital.

Job Summary:

The Drug Discovery Division of the Lieber Institute for Brain Development is looking for a research assistant to join a multidisciplinary team of medicinal chemists, biochemists, and neuroscientists. We are focused on the development of novel therapeutics for the treatment of schizophrenia and related disorders. The successful candidate will work within the *In Vivo* Pharmacology group. The two main goals of the *In Vivo* Pharmacology group are:

- 1) Elucidate the neurobiological substrates underlying the development and progression of schizophrenia and related disorders in order to identify potential therapeutic targets
- 2) Characterize the pharmacokinetic/pharmacodynamic (PK/PD) relationship of novel compounds in relevant model systems.

Primary Job Responsibilities:

- 1) Design and conduct primary in vivo pharmacological assays utilized by the group including rodent behavior experiments, biomarker identification and validation, western blot protein analysis, and PCR/qPCR-based genotyping.
- 2) Design and write study protocols and standard operating procedures (SOPs)
- 3) Assist in the maintenance of the Drug Discovery Division animal colony
- 4) Produce high-quality reports and presentations for internal and external collaborators

Qualifications:

- Bachelor's degree in neuroscience, biology psychology, or related field is required
- A strong background/previous work experience in neuroscience, pharmacology, molecular biology, or a related field is desired
- Ability to work independently and adapt to rapidly changing project priorities

To Apply: Interested applicants should submit a cover letter, their curriculum vitae and the names and contact information of 2-3 professional references to: jobs@libd.org with the subject line “Research Assistant – Drug Discovery”.

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.

Job Type: Full-time