

## **Staff Scientist – Drug Discovery**

### ***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:**

The Drug Discovery Division of the Lieber Institute for Brain Development is looking for a staff scientist to join a multidisciplinary team of medicinal chemists, biochemists, and neuroscientists. The Drug Discovery Division is 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 utilizing biosensors and multi-electrode arrays for real-time measurement of neurotransmitters, small-molecule drugs, and neural activity
- 2) Fabricate biosensors and electrodes for *in vivo* assays
- 3) Produce high-quality reports and presentations for internal and external collaborators

### **Qualifications:**

- MS degree required. PhD or equivalent degree preferred.
- A minimum of 5 years related experience is required.

- A strong background in analytical chemistry, neuroscience, pharmacology, or a related field
- Ability to work independently and adapt to rapidly changing project priorities

**To Apply:**

Interested applicants should submit a cover letter and curriculum vitae to:  
[jobs@libd.org](mailto:jobs@libd.org) with the subject line “Staff Scientist – 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.