The Lieber Institute for Brain Development – Drug Discovery Division

Location: Baltimore, MD

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.

Job Summary:

The Lieber Institute is currently seeking a molecular and cellular biologist for the Drug Discovery Division to support small molecule drug discovery using biology and biochemistry techniques. The individual will develop, validate and execute various cellular and biochemical assays to support drug lead-finding and optimization efforts in the context of multidisciplinary project teams.

Duties and responsibilities:

- Develop, validate and execute biochemical, functional and cellular assays for characterization of small molecules
- Interpret, validate and distribute assay data to support multiple project teams to meet project goals and timelines
- Support the generation and maintenance of protein, other biomolecules, and cell-lines using expertise in biochemistry and molecular biology
- Implement modern molecular biology techniques (e.g. cloning, cell line development, PCR, viral vector construction and transduction of cells, protein expression, purification and Western blot) and related primary data analysis
- Conduct scientific research utilizing molecular biology techniques, interpret experimental results and integrate them with project objectives
- Present data internally and externally

Education and Experience Requirements:

- B.S. degree in molecular biology, cellular biology or neuroscience is required. M.S. degree is preferred.
- Minimum 3 years of experience in a research or biotech environment is required. Five or more years of related experience is preferred.
- Knowledge of enzymology is desirable
- Experience with commonly used microplate readers and both qualitative and quantitative data analysis methods and software is advantageous
- Capable of carrying out cell culture and molecular biology experiments independently

- Knowledge and prior experience with basic antibody, protein analytical methods, protein concentration assays, SDS-PAGE, and Western Blot is applicable
- Team oriented with excellent listening, verbal, and written communication skills
- Detail oriented with excellent organizational skills and multi-tasking abilities
- Must be analytical, flexible, innovative, and self-motivated

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.

To Apply: Please send your CV and cover letter to jobs@libd.org with "Research Associate – Drug Discovery" in the subject line.