Title: Postdoctoral Research Associate, Medicinal Chemistry

Location: Upper East Side

Org Unit: FM-Tri-Institute-TDI

Work Days: Monday-Friday

Exemption Status: Exempt

Pay Grade:

Position Summary

The TDI is looking to hire a highly motivated Medicinal Chemist or Chemical Biologist interested in expanding and deepening their skills. This postdoctoral associate will work in as a member of multidisciplinary teams working to advance chemical probes and new target discovery projects across a wide range of therapeutic areas. Candidates will be expected to carry out multi-step syntheses and detailed reviews biological data in order to develop structure-activity relationships.

Job Responsibilities

- Execute on chemistry optimization programs by applying innovative synthetic chemistry and data analysis to design, synthesize and characterize potential drug candidates
- Work closely with the project team to generate a data set for pre-clinical candidates to support a wide variety of indications with an emphasis on lead molecule optimization and proof-of-concept studies
- Provide scientific expertise on drug discovery research programs in collaboration with academic institutions and support collaborations with biotech/pharma/CRO partners
- Support novel research programs in diverse stages ranging from target validation, hit-to-lead and lead optimization through preclinical proof-of-concept studies
- Actively represent the TDI within the scientific community

Education

- PhD in related field
Experience

Experience in Medicinal Chemistry or Chemical Biology, and a professional track record of solving complex drug discovery problems. Individual must be comfortable working in a fast-paced, entrepreneurial environment.

Experience in synthesis, chemical biology, and physical organic chemistry is required.

Knowledge, Skills and Abilities

- Strong interpersonal, collaboration and communication skills
- Rigorous scientific thinking
- Highly organized and able to prioritize and handle multiple tasks simultaneously
- Deep understanding of in vitro and in vivo pharmacology models coupled with an intimate appreciation for the critical issues ever-present in drug discovery and development