Discovery Pharmacology Lead Scientist,

Trudeau Institute TB Innovative Therapeutics Program

Trudeau Institute, an internationally acclaimed, path-breaking research institute focused on addressing the continuing burden of infectious disease, has an immediate opening for an innovative Research Scientist to join an expanding laboratory. The Institute has recently expanded to develop the Trudeau Research Network, consisting of productive, collaborative and strategic inter-disciplinary partnerships, including New York State, biomedical research institutions, biopharma/biotech, and major foundations with Trudeau as a hub. The Network features PhD & MD-led teams engaging in multi-disciplinary pre-clinical and clinical research devoted to translating the advances of basic science into new strategies to meet today’s urgent global health challenges.

As a part of our new tuberculosis R&D program, we are recruiting an innovative laboratory scientist to work within special project teams focused on applying cellular and in vivo pharmacology techniques to assess new lead compounds and candidate regimens for the superior therapeutic control of tuberculosis infection. The Institute is ideally suited for this program with capacious animal facilities, including ABSL-3, maintained by experienced staff, and well equipped with advanced microscopy and flow cytometry instrumentation.

We seek creative, experienced candidates with expertise in in-vivo pharmacology and infectious and/or respiratory diseases. The successful candidate will have pharma/biotech industry experience and a record of advancing programs along drug discovery value chains. Duties will include i) assay optimization and validation, ii) collaborating on pathway discovery (MtB and host) and MOA deconvolution, iii) responsibility for robust highly reproducible “industry-caliber” assay execution, and iv) incisive and accurate presentation of results at project team meetings, meetings with strategic partners, and in publications.

Qualifications:

- Expertise and record of successful implementation/optimization of high reproducibility medium-throughput screening and preclinical (in-vitro, ex-vivo, in-vivo) assays

- Excellent written and oral communication skills and command of the scientific literature; ability to network and establish new contacts; ability to work in teams; ability to take responsibility and deliver timely results within closely-knit cross-site project teams

- Expertise in cellular and molecular approaches for efficient anti-infective drug discovery and pre-clinical development; in vivo mechanistic pharmacology. Experience with mechanisms in intracellular bacterial infections is desirable

- Experience in imaging techniques, transcriptomics, and employing high-throughput functional genomic screens is a plus

Trudeau Institute is located in an affordable, small town environment in the midst of the beautiful Adirondack Mountains in New York State. On-campus housing situated on a recreational lake is available. We offer competitive salaries along with a robust benefits package (including health, dental, life and long-term disability insurance and a generous employer retirement contribution). The Institute is an equal opportunity/affirmative action employer encouraging women, individuals with disabilities, minorities and veterans to apply.

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