

Research Assistant/Associate Position Drug Discovery for Neurological Disorders and Cancer

A full-time position for a Laboratory Research Assistant/Associate is available in the Department of Biochemistry and Molecular Biology at Drexel University College of Medicine to conduct translational drug discovery research. The position is available immediately, although there is flexibility in the start time.

Bachelors, Masters, and PhD education level candidates are all considered.

The candidate will work on projects to design, develop, and characterize the efficacy of novel compounds developed in our laboratory as therapeutics for neurodegenerative disorders and cancer. The candidate will work at the interface between drug development, pre-clinical animal studies, and commercialization of compounds that target pre-mRNA splicing. We currently have active research projects on drug discovery for ALS, and Epilepsy, and are expanding our drug discovery platform to Alzheimer's Disease and cancer.

Initially, the candidate's main responsibility will be to perform drug delivery experiments in ALS mice using stereotaxic cannulation surgery and implants of osmotic pumps for continuous intracerebroventricular drug delivery. Responsibilities will also include conducting assessments of mouse behavioral and motor function during the drug trials and management of the transgenic mouse colony (genotyping and breeding plans). The candidate will also help assess drug efficacy by isolating CNS tissues and conducting molecular and biochemical assays including real-time PCR and Western blots. Other responsibilities include equipment/reagent ordering and reporting of grant expenditures. Experience with cell culture, electrophysiology, and immunohistochemistry, are also a plus.

Enthusiasm, reliability, and strong organizational skills are very important. Opportunities for authorship and career advancement with direct involvement in project design and planning are emphasized. Salary is commensurate with experience.

For more information on the laboratory research program please see the faculty webpage at the following link.

<http://www.drexelmed.edu/Home/AboutOurFaculty/GordonLutz.aspx>

Please send a resume/CV and short cover letter expressing your interest in the position, and an indication of when you would be available to start by email to Gordon Lutz, PhD at glutz@drexelmed.edu

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