



BROWN UNIVERSITY

Robert J. and Nancy D. Carney Institute for Brain Science
Department of Molecular Biology, Cell Biology & Biochemistry
Department of Neuroscience

Postdoc Position Available

A post-doctoral position is available for an independent researcher with expertise in genetics and/or chemical biology to join a collaborative effort between the Wharton and Hart research groups at Brown University and a major pharmaceutical company. This project is funded in part by the Muscular Dystrophy Association.

The post-doctoral fellow will play a critical role in this cross-species collaboration, focused on addressing the current lack of effective treatments for Amyotrophic Lateral Sclerosis (ALS), a neuromuscular disease that results in progressive degeneration of cortical and spinal motor neurons. Our collaboration leverages two model systems, *C. elegans* and *Drosophila*, and focuses on identifying compounds and genetic variants that can suppress neurodegeneration in unbiased screens. The project involves whole animal chemical and genetic screens using ALS disease models in both species and provides an exciting opportunity to work at the interface between academia and industry.

Priority will be given to highly motivated applicants with strong analytical skills who can work independently as well as part of a highly interactive group. The ideal applicant will have demonstrated expertise in techniques used in the areas of: genetics, biochemistry, chemical biology, and/or cell biology. They should have outstanding communication skills and a willingness to expand their skill set. Postdoctoral candidates must have a Ph.D. in a relevant area of biology or chemical biology with 3-5 years of research experience. Previous experience with *Drosophila* and/or *C. elegans* as a model system is preferred.

Brown University is a stimulating academic environment with many opportunities for interdisciplinary interactions. Providence, RI (<https://www.goprovidence.com/>) is a culturally rich city, home to Brown and RISD (Rhode Island School of Design). It is close to the ocean, "a foodie's dream destination", with easy access to Boston and NYC.

Brown University is committed to fostering a diverse and inclusive academic global community; as an EEO/AA employer, Brown considers applicants for employment without regard to, and does not discriminate on the basis of, gender, sexual orientation and/or gender identity, sex, sex orientation, gender identity, national origin, age, race, protected veteran status, disability, or any other legally protected status. Brown University is an E-Verify Employer.

Interested applicants should send their CV, including relevant research experience, and the contact information for three references to Kristi_Wharton@brown.edu and Anne_Hart@brown.edu.