



Research Scientist, Cellular Neurobiology

Position summary:

Tevard Biosciences, an exciting company co-founded by renowned MIT molecular cell biologist Dr. Harvey Lodish and developing novel tRNA-based gene therapies for rare diseases, is seeking a **Research Scientist, Cellular Neurobiology**, based in Cambridge, MA. This position requires an innovative mindset, great attention to detail, and the ability to work collaboratively to solve difficult problems. The successful candidate will have an opportunity to positively impact patients with serious unmet medical needs while working closely with our world-class scientific team, including company co-founder Dr. Lodish.

As an expert scientist in cellular neurobiology, you will be responsible for establishing cellular assays to demonstrate in vitro proof of concept for Tevard's tRNA therapeutic leads and characterize the cellular activity and downstream disease-relevant biology to help prioritize candidates for in vivo studies.

Key responsibilities for this position include:

- Establish in vitro disease models in relevant cell types including primary neurons and glia isolated from transgenic animal models and patient-derived iPSC lines
- Design, troubleshoot, and execute cell-based assays in human and rodent cell lines to characterize the efficacy and safety of Tevard's novel tRNA therapeutic leads
- Understand mechanism of action of lead candidates and establish assays and endpoints relevant to downstream target and disease biology
- Demonstrate a mastery of relevant scientific literature and advances in the areas of tRNA and post-transcriptional mRNA regulation; Dravet syndrome and other disease indications of interest to Tevard, conduct literature searches; communicate understanding in internal forums and with external collaborators and partners

Minimum qualifications:

- A Ph.D. in Neurobiology, Molecular/Cellular Biology, physiology, or a related discipline with a track record of relevant scientific publications in peer-reviewed journals
- Ability to work independently as well as collaborate with colleagues and effectively prioritize and manage multiple tasks in a fluid, fast-paced work environment
- Extensive hands-on experience with a variety of molecular, cellular and/or physiological techniques (isolating rodent neurons and establishing primary neuronal cultures,

neurite outgrowth, qPCR, western blotting, microscopy, calcium imaging, synaptic imaging, multi-electrode arrays, human IPS/ES cell culture, etc.)

- Prior experience using AAV/lentivirus in primary or iPSC-derived neurons is highly desirable
- Ability to master new concepts and technologies quickly and run experiments independently
- Scientifically rigorous, highly organized, with excellent oral and written communication skills

Title commensurate with level of experience.

Contact:

Interested parties please send CV and cover letter to careers@tevard.com.

We are an equal employment opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, national origin, disability status, protected veteran status or any other characteristic protected by law.