



## **Research Scientist/ Sr. Research Scientist, in vivo pharmacology**

### **About Tevard:**

Tevard Biosciences is pioneering mRNA-modulating therapies to cure a broad range of genetic diseases. The privately held biotechnology company was founded by MIT Professor and Whitehead Institute Founding Member Harvey Lodish, with life science entrepreneurs and executives Daniel Fischer and Warren Lammert, fathers of children with rare genetic diseases, and scientific co-founder Jeff Collier, a Bloomberg Distinguished Professor in the Department of Molecular Biology and Genetics at the Johns Hopkins University School of Medicine. Tevard is exploring the use of its novel Suppressor tRNA, Enhancer tRNA, and mRNA modulating platforms in neurological disorders, heart disease, and muscular dystrophies.

### **Position summary:**

We are looking for an innovative post-Ph.D. scientist, experienced in working with animal models of CNS, neuromuscular or muscle disorders, with an ability to work both independently and collaboratively as part of a team, to help advance therapeutic candidates to the clinic. 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 with company's scientific co-founders.

In this position, you will work closely with Tevard's scientific leadership to design, execute and/or supervise studies geared towards evaluating in vivo efficacy of our lead therapeutic candidates in animal models of rare genetic diseases. The Research Scientist/Senior Research Scientist may also serve as project lead for some workstreams, and work with multidisciplinary team members internally as well as with external collaborators and/or CROs. This is an exciting opportunity for a motivated scientist to help advance novel RNA-based therapies, which will ultimately have a positive impact on the lives of patients suffering from debilitating rare disease conditions.

### **Key responsibilities for this position include:**

- Develop/establish in vivo readouts geared toward establishing efficacy of novel RNA-based therapies, and characterize behavioral and physiological effects in genetic models of rare CNS disease and other non-CNS conditions
- Design, execute and troubleshoot animal dosing studies using various routes of administration (e.g. ICV, IT, IV, etc.), and determine appropriate experimental endpoints for tissue processing and analysis
- Prioritize tasks to align with team goals and strategic priorities of the company, and communicate regularly with team members as well as leadership



- Work with external collaborators and/or CROs to advance projects
- Responsible for delivering high quality data analysis, writing study reports for exploratory research to IND enabling studies. Prepare and present scientific data at group meetings.
- Be up to date with relevant scientific literature, adapt to changing priorities, and be a team player

**Minimum qualifications:**

- Ph.D. or MD/PhD in Neuroscience, Physiology, Genetics, Molecular/Cellular Biology or a related Life Sciences discipline. Candidates who have experience working on small molecule drug discovery or gene therapy programs in the biotech/pharmaceutical industry, will be given preference.
- Extensive experience working with rodent models (mice and rats) is necessary, experience working with non-human primate (NHP) models will be a plus.
- Demonstrated experience leading projects to completion and experience leading in vivo pharmacology and/or toxicology projects is highly desirable
- Ability to work collaboratively with team members and effectively prioritize tasks to align with team goals in a fast-paced work environment
- Experience in one or more of the following is highly desirable: rodent behavior readouts, seizure phenotypes, EEG data analysis, motor function phenotypes in animal models of disease
- Previous experience with multiple dosing routes (e.g. ICV, IT, IV, etc.) for delivery of Adeno-Associated Virus (AAV) payloads in the context of gene therapy
- Experience in tissue extraction, processing and downstream tissue-based analysis (e.g. IHC, IF, ISH, RNA-Scope, etc) for multiple tissue and cell-types
- Working knowledge of molecular biology concepts – especially RNA biology – and curiosity to learn new concepts
- Scientifically rigorous, highly organized, with excellent oral and written communication skills

Title commensurate with level of experience.

**Contact:**

Interested candidates please send CV and cover letter to [careers@tevard.com](mailto: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.