



Research Associate/ Sr. Research Associate in vivo pharmacology

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 Associate/ Sr. Research Associate – in vivo pharmacology**, based in Cambridge, MA. This position requires an innovative mindset, great attention to detail, and the ability to work collaboratively to solve 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.

In this position, you will collaborate with expert scientists in the in vivo pharmacology group to prioritize and demonstrate functional proof of concept for Tevard's therapeutic lead candidates. The research associate will be responsible for conducting experiments to quantify animal behavior and physiological readouts in rodent models of rare CNS diseases as well as other indications. This is an exciting opportunity for a motivated scientist to further develop their skills in neuroscience, behavior, physiology and data analytics, while helping to make an impact on lives of patients suffering from rare diseases.

Key responsibilities for this position include:

- Establish in vivo readouts for genetic models of rare CNS disease and other conditions
- Design, execute and troubleshoot diverse behavior assays in mouse models and complete relevant data analysis
- Perform surgical procedures on animal models – including survival surgeries, tissue extraction, fixation and processing
- Assist with colony maintenance/management of transgenic or mutant mouse lines
- Work with team members to prepare high quality reports and scientific presentations
- Be up to date with relevant scientific literature

Minimum qualifications:

- A BS/MS in Neuroscience, Physiology, Molecular/Cellular Biology, or a related discipline. Candidates with a computer science or data science background, with some experience in neuroscience and animal models will also be considered.
- Hands-on experience working with rodent animal models (mouse or rat) – including animal handling and husbandry is required
- Experience in rodent behavior assays – including data analysis methods and/or statistical testing – is highly preferred (e.g. Open field behavior, rotarod, etc.)



- Candidates with experience in ex vivo procedures including tissue extraction, embedding and processing, immunohistochemistry (IHC) or in situ Hybridization (ISH), and imaging/microscopy as well as biochemical assays such as Western Blot, ELISA will also be given preference
- Experience dosing animals with viral constructs through various dosing routes including Intra-cerebroventricular (ICV) and intrathecal(IT) routes is desirable.
- Experience with rodent survival surgeries is desirable but not required.
- Ability to work collaboratively with colleagues and effectively prioritize and manage multiple tasks in a fluid, fast-paced work environment
- Ability to master new concepts and technologies quickly, 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.

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.