



Research Associate / Senior Research Associate, In Vivo Pharmacology

Manifold Bio is a biotechnology company aiming to revolutionize the discovery of protein therapeutics through multiplexed testing and design. We are building a platform distinguished by a novel technology that brings multiplexed measurement to every step of protein engineering, including in vivo testing. We recently raised a \$40 million Series A and we are expanding our highly collaborative and interdisciplinary team. With this new round of funding, we will leverage our platform to generate an unprecedented amount of in vivo data allowing us to precisely engineer drugs with substantially less clinical risk. Our founders come from George Church's lab at Harvard Medical School and are innovators in leveraging DNA and protein multiplexing technologies to engineer biological systems. We are located in the Pagliuca Harvard Life Lab and are moving into our own lab space in Boston at the end of the year.

Position

We are seeking a highly-motivated In Vivo Pharmacology Research Associate / Senior Research Associate who thrives in a fast-paced and creative environment to push the capabilities of our multiplexed *in vivo* drug discovery platform. Together with senior researchers, you will play a critical role in executing *in vivo* studies to support internal research projects. This is a hands-on role and you should have extensive experience in multiple aspects of *in vivo* pharmacology including dosing, pharmacokinetic sampling, and necropsy, among others. The ideal candidate must be able to work effectively both in a collaborative setting and independently.

Responsibilities

- Small animal handling and dosing of test agents via various routes (IV, SC, IP, PO).
- Collect body weight, tumor volume measurements via calipers and clinical observation data.
- Perform tissue and tumor sample collection from in vivo experiments.
- Perform blood collections via submandibular cheek bleeds and cardiac punctures.
- Cell culture and tissue homogenization.
- Assist in maintaining inventories.
- Maintain accurate and organized data entry and analysis.
- Communicate to the team via technical reports and oral presentations.

Required Qualifications

- Bachelors or Masters and 1-2+ years of experience (biotech/pharma industry preferred) in executing in vivo proof of concept and efficacy experiments in mice.
- Demonstrated expertise in *in vivo* study execution.
- Collaborative, curious, and flexible with strong communication skills, both written and oral.
- Self-motivated, highly organized, able to work independently with minimal supervision, and able to multitask.
- Strong attention to detail.
- A genuine passion for science and developing medicines.

Preferred Qualifications

- Experience in bioanalytical assays for protein therapeutics (PCR, nucleic acid extraction, ELISA, Western Blot, etc).



ManifoldBio

Pagliuca Harvard Life Lab, 127 Western Ave., Boston, MA
<https://manifold.bio> | careers@manifold.bio

- Experience writing detailed research project plans and methodological SOPs that guide yours and other team members' laboratory activities.
- Experience in tissue sectioning, histology and microscopy is a plus.
- Experience in mouse health monitoring is highly preferred.
- Skilled with Microsoft Office, GraphPad Prism, and ImageJ
- Driving license.

If you're excited to build a platform that combines DNA and protein multiplexing technologies, please reach out to careers@manifold.bio.

We value different experiences and different ways of thinking and believe the most talented teams are built by bringing together people of diverse cultures, genders, and backgrounds.