Matrisome Bio

Scientist / Sr. Scientist, In Vivo Pharmacology/Oncology

Matrisome Bio is a founder-led, stealth-mode venture-backed biotech company focused on improving the lives of patients with chronic diseases such as cancer and fibrosis. Our transformative platform enables the development of novel therapeutic approaches by leveraging the properties of the extracellular matrix (ECM). With an initial focus on oncology, we aim to change the paradigm oaf targeted therapies across chronic diseases. Matrisome Bio's founding team and scientific advisors represent leaders in academia, industry, and biotech entrepreneurship.

If you are interested in changing the landscape of cancer therapy and working in a dynamic, highly motivated, and diverse team, come join us!

Position Summary

We are seeking a skilled and highly motivated scientist to join our growing team as a Scientist/Sr. Scientist I, In vivo Oncology/Pharmacology who can work both independently and collaboratively as part of a team. In this role, you will be responsible for designing and executing in vivo oncology and pharmacology studies to support the oncology drug development programs and participating in a range of in vivo biodistribution, efficacy, imaging, and mechanistic studies.

This role is a unique opportunity to join an early-stage startup founded by world renowned experts in ECM biology, oncology, and bioengineering. This is an on-site position based in Cambridge, MA.

Essential Duties include

- Design and execute in vivo oncology/pharmacology studies to support discovery to pre-clinical development efforts.
- Assess and establish tumor models to support in vivo studies for prioritized targets and indications.
- Perform tumor growth kinetics, anti-tumor efficacy, biodistribution, toxicity, and in vivo imaging studies using a variety of rodent oncology models.
- Establish best practices for in vivo experiment design and documentation, including ensuring IACUC and related compliance.
- Work together with colleagues, contract research organizations, and academic collaborators.
- Support the management and oversight of experiments that are outsourced to external vendors.
- Document experiments, record data in electronic lab notebooks and company databases, and communicate clearly and precisely with various stakeholders.
- Provide regular updates at internal meetings including summarizing data and study reports.
- Ability to manage and provide mentorship including assisting with data collection and analysis.

Qualifications

- A Ph.D. in biology/biomedical engineering/pharmacology, or related fields with 3+ years of relevant experience with oncology and/or inflammation animal models in a biotechnology, pharma, CRO, or academic setting.
- 2+ years of industry experience is a plus.
- Understanding of pharmacology/oncology including preclinical and translational research and development.

- Expertise in in vivo pharmacology/oncology and hands-on experience with syngeneic, orthotopic, and/or xenografts models is required. The candidate should have a strong track record of executing in vivo studies with a high degree of rigor and attention to detail.
- Prior experience with animal handling, necropsies, blood, and tissue collection is expected.
- Experience with in vivo imaging techniques (e.g., IVIS) is desirable.
- Experience with various administrations via IV, IP, PO, and SC dosing routes for cell and drug delivery is highly preferred.
- Ability to utilize PK/PD efficacy data to drive lead optimization and characterization.
- Experience with vivarium management, IACUC protocols, and GLP/GCP regulations is preferred.
- Experience with bioconjugation (e.g., NHS-ester/Thiol Maleimide chemistry) is a plus.
- Prior experience in working with radioactive materials is a plus.
- High level of integrity and commitment to quality is essential.
- Proficient in Excel, PowerPoint, GraphPad Prism, and ELN/LIMS for data entry, analysis, and presentation.
- Excellent written and oral communication skills, ability to work in a team.
- Track record of scientific innovation demonstrated by scientific publications, patents, or oral presentations.

What we offer

- Opportunity to build a transformative platform as one of the first few employees in a fast-paced, entrepreneurial, team-focused work environment.
- Comprehensive benefits package including health, dental and vision coverage, 401k plan, company paid holidays, paid time off, paid parental leave benefit, equity/stock options and work/ life integration.
- Professional development through mentorship and training while working together to meet the company goals.
- A dynamic start-up ecosystem with monthly social events, and a community lunchroom with free snacks, cold brew coffee on tap, and assorted drinks

To apply, please submit your resume/cv to https://jobs.polymer.co/matrisome-bio

The employee must be able to perform the essential functions of the position satisfactorily and, if requested, reasonable accommodations will be made to enable employees with disabilities to perform the essential functions of their job, absent undue hardship. The Employer retains the right to change or assign other duties to this position. Working conditions may include prolonged periods of being at a stationary desk or work computer, occasionally adjusting, handling, or moving objects up to 30 pounds, assessing the accuracy, neatness, and/or thoroughness of the work assigned and communicating with others to exchange information.

Matrisome Bio requires that all employees be fully vaccinated against COVID-19 and provide proof thereof or receive an approved medical or religious exemption.

Matrisome Bio is based in Massachusetts with an office location in Cambridge, MA. Matrisome is an equal opportunity employer and strictly prohibits unlawful discrimination based upon an individual's race, color, religion, gender, sexual orientation, gender identity/expression, national origin/ancestry, age, mental/physical disability, medical condition, marital status, veteran status, or any other characteristic protected by law.