



Research Associate I, Preclinical Development

CAMBRIDGE, MA

ABOUT STRM.BIO

STRM.BIO (“storm bio”) is a pre-clinical, VC-backed biotechnology company that is leveraging naturally-derived extracellular vesicles (EVs) to deliver gene therapies in vivo. We believe in a culture where people come first and that personal accountability is key to a healthy organization. We believe that there is both elegance and efficiency in simplicity, and we let this approach drive both our science and our strategy.

STRM.BIO is operating on a hybrid-virtual model. We are driving research in our internal laboratory space while simultaneously leveraging the existing laboratory infrastructure and expertise of our scientific collaborators, contract development and manufacturing organizations (CDMOs), and advisors to focus on what matters--our research. Meetings are mostly virtual, but teams will meet in person to whiteboard strategy, visit partners to advance programs, and celebrate our wins!

THE TECHNOLOGY

STRM.BIO is creating a proprietary EV platform to deliver gene therapies in vivo and establish a new class of therapeutics. EVs are natural carriers of nucleic acids and proteins and hold tremendous promise as direct cell messengers for gene therapies due to their innate targeting, amenability to large scale/commercial manufacture, and low immunogenicity. At STRM, we are aiming to create new therapies and uniquely enable effective targeting of existing ones to democratize gene therapy. We are just beginning to explore the potential impact of our platform and are looking to recruit team members who can help us bring this larger vision to light.



THE PERSON AND ROLE

The Research Associate I position is full-time and will be 100% in-person conducting benchwork. You will report directly to the STRM Associate Director of Research to manage your project load and will have the opportunity to contribute to strategic laboratory meetings. You should be very comfortable working dynamically with all members of the research team.

To be successful in this role, you should be someone who is always up for a challenge and finds the unique demands of the fast-paced startup environment motivating. You will need to be adept at executing experimental protocols and developing new skills, and espouse the people-first, simplicity-oriented values we hold as core to STRM culture.

KEY RESPONSIBILITIES

- Support the Research Team in efforts across multiple collaborative research programs
- Contribute to R&D efforts to meet project milestones, maintaining the standards of scientific rigor and adhering to ethical standards
- Maintain standards consistent with company culture and values
- Work closely with team members to maintain project development, implementation and troubleshooting of experiments
- Generate, analyze, and share experimental results and ensure that all protocols, reagents, data, and analyses are documented following data integrity principles and prepared and made available in a timely manner
- Attend team meetings to discuss results, future plans and experiments, with a keenness to help achieve company milestones
- Maintain comprehensive and up-to-date knowledge of molecular and cellular biology techniques
- Perform other duties as assigned, including all those associated with facilitating the smooth operation of a wet lab environment



QUALIFICATIONS & EXPERIENCE

Required

- B.Sc. with 2+ years of biology laboratory experience in a relevant discipline with strong foundational knowledge of cellular and molecular biology
- Experience in genetic, molecular, and cellular biology techniques; examples of including plasmid construction/preparation/isolation, qPCR, RT-PCR, western blotting, microscopy, and flow cytometry
- Strong background in working with cellular models of disease (for example, mammalian cell line tissue culture)
- Ability to balance/prioritize efforts across multiple programs, meet deadlines, and shift plans in service of a rapidly-changing startup environment
- Proficiency with Microsoft Office suite, with excellent PowerPoint and Excel skills
- Exceptional communication, writing, organizational and time management skills
- Exemplary lab notebook practices, and attention to detail in recordkeeping

Preferred

- Experience in methods for extracellular vesicle isolation, evaluation, and manipulation
- Experience in hematopoietic stem cell biology and hematologic diseases
- Working knowledge of editing techniques (e.g. TALEN, ZFNs, CRISPR) and gene therapy delivery technologies (e.g. viral vectors, LNPs, exosomes)
- Experience in design, synthesis, and evaluation of gene expression cassettes/constructs
- Experience with culturing primary murine cells and patient derived cell types
- Experience in primary hematopoietic cell culture
- Experience with electronic lab notebooks (ELNs)



KEY POSITION DETAILS

- Full-time Position
- Salary and benefits consistent with the competitive market of Boston/Cambridge and commensurate with experience
- In-person benchwork in Boston/Cambridge area

To apply for this position on LinkedIn, click the following link:

<https://www.linkedin.com/jobs/view/2865079651/>

To learn more about this position, please submit your resume and cover letter directly to: Dr. Iain Thompson, Associate Director of Research at careers@strm.bio

