



237 Putnam Ave
Cambridge, MA 02139, USA
careers@strandtx.com
www.strandtx.com

Associate Scientist, Synthetic Biology

Company Overview

Strand Therapeutics is an early-stage biotechnology company utilizing synthetic biology to genetically program mRNA to deliver truly revolutionary immunotherapies.

Building on the idea of creating smart therapies that are capable of making sophisticated decisions, Strand was started by biological engineers working together at MIT who were seeking to apply the concept of the emerging field of mRNA therapeutics. This collaboration led them to build their own mRNA “programming language,” creating the world’s first platform for mRNA smart therapies.

The founders and scientific advisors of Strand Therapeutics are made up of well-known and highly regarded individuals in both academia and the biotech industry. We are located in the Cambridgeport neighborhood of Cambridge, MA.

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Job summary

Strand is looking to build a team that understands the value of working at a start-up. Joining the company now means having vast opportunities to learn and grow including having the exposure to all aspects of building a company. We are looking for people who have the enthusiasm and motivation to be a highly contributing member of a small team. This opportunity will offer the employee the ability to work closely with the founding team, as well as to form close partnerships with team members during the development and formation of the company.

We are looking for a highly motivated and innovative candidate for the role of Associate Scientist, Synthetic Biology. The expectation is that the Associate Scientist, Synthetic Biology will have experience independently executing and analyzing experiments using standard molecular biology techniques. This is a fantastic opportunity to make a significant impact as a scientifically motivated self-starter capable of independently conceiving, conducting, and critically analyzing their own work with minimal supervision.

You are someone who is:

- Passionate about science and takes a proactive approach to learning new technologies and methodologies.
- Looking to develop as a scientist and problem-solver and become an integral part of Strand’s process development efforts.
- Undeterred by difficult problems and enjoys solving them as a team, though comfortable contributing on an independent level when necessary.

- Searching for an opportunity to grow within an early-stage company and help invent the next generation of mRNA therapeutics.

Some of the work you will be doing:

- Designing, building, and testing synthetic genetic constructs with novel and optimized functions.
- Executing molecular biology experiments including molecular cloning, bacterial transformation and mammalian cell culture.
- Assaying function of target genes using techniques including flow cytometry, ELISA, and qPCR.
- Facilitating general lab operations such as supply ordering, technology evaluation, sample preparation, cell culture, and nucleic acid work.
- Working across diverse areas to support the group's research activities in a fast-paced and collaborative environment.

Qualifications:

- B.S. or M.S. in biological engineering, biological sciences, biochemistry, or a related area is required.
- 1-3 years of research experience in a biotechnology, pharmaceutical, and/or academic environment is required.
- Experience with molecular cloning, bacterial transformation, and mammalian cell culture.
- Experience with cellular and molecular biology techniques such as ELISA, molecular cloning, RNA isolation, qPCR, culture of primary cells and cell lines, and flow cytometry.
- Ability to write, edit, and follow standard operating procedures, make careful observations, maintain clear and complete records of lab work.

Strand offers a fast-paced, entrepreneurial, team-focused work environment. We also offer a top-notch benefits package (health, dental, life, vacation, and commuter) and work/life integration. Being part of the Strand team allows you to become part of a small team that supports professional development while working together to meet the company goals.

Strand Therapeutics is an equal opportunity employer. We do not discriminate on the basis of race, color, gender, gender identity, sexual orientation, age, religion, national or ethnic origin, disability, protected veteran status or any other basis protected by applicable law. Strand does not accept unsolicited resumes from any source other than directly from candidates.

Job Type: Full-time

Salary: commensurate with role and experience