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Associate Scientist I/II, Molecular 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 an Associate Scientist I/II to support our molecular and cell biology needs to enable the drug discovery efforts within the Molecular Biology team at Strand Therapeutics. The ideal candidate will have experience in mammalian cell culture including primary cell isolation and handling. The candidate will be expected to work in an innovative, fast-paced, cross-collaborative biotech environment and contribute in multi-disciplinary team activities to advance our platform.

Primary Responsibilities:

- Mammalian cell culture maintenance including primary cell isolation and culture.
- Perform cell biology experiments including transfection and downstream cell-based assays.
- Multi-color flow cytometry panel design and execution.
- Cell-based and molecular biology assays with standard readout techniques.
- Work closely with other team members to support cross-collaborative efforts.

Qualifications

- B.S. with at least 3 years of relevant experience or M.S. with at least 1 year of relevant experience in cell biology and/or immunology.
- Must have experience in primary cell isolation and culture.
- Experience in flow cytometry required. Experience in FACS data analysis is a plus.
- Mammalian cell manipulation using mRNA transfection and/or electroporation highly desired.
- Experience performing cell-based assays including in vitro/ex vivo cytotoxicity assays, proliferation, ELISA will be preferred.
- Experience in molecular biology methods including cloning, qPCR, ddPCR and Western Blot is a plus.
- Strong collaboration and inter-personal skills.
- Ability to multi-task and prioritize to meet important deadlines.

Strand offers a fast-paced, entrepreneurial, team-focused startup environment. We also offer a top-notch benefits package (health, dental, life, vacation, gym, 401k, 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 Strand's 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