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Associate Scientist, mRNA Process Development

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.

Become the next standout single *strand!*

Job summary

Strand is looking to build a team that understands the value of working at a start-up. Joining Strand now places you alongside the founding executive team and world-leading advisors. 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 initial growth stage of Strand.

We are looking for a highly motivated and innovative candidate for the role of Associate Scientist, mRNA Process Development. The expectation is that the Associate Scientist will have experience independently executing mRNA process development experiments and production efforts. Reporting to Scientist, Process Development, the right candidate will be a strategic thinker that brings a leadership presence and enthusiasm for Strand along with a desire to conquer new challenges.

You are someone who is:

- Looking to develop as a scientist and problem-solver and become an integral part of Strand’s process development efforts.
- Searching for an opportunity to grow within an early-stage company and help invent the next generation of gene therapies.
- Willing to learn new skills as your role progresses within the organization.
- Learns quickly on the job and can take up new and exciting projects without much oversight.

Some of the work you will be doing:

- Responsible for execution of mRNA production and purification development activities appropriate for GMP manufacturing.
- Responsible for running and developing analytical methods and assays.
- Support screening, optimization, and scale-up efforts for enzymatic reactions, chromatographic separations and filtration processes including, ultrafiltration, diafiltration, and sterile filtration.
- Assist with production of materials for formulation and discovery experiments
- Execute studies for process improvements and advancements.

Qualifications

- BS with 1-2+ years of directly related experience. Degree emphasis in Biochemistry, Chemical Engineering, Molecular Biology, Bioengineering, Molecular Medicine, Genetics or related field preferred.
- This position requires conducting laboratory experiments, excellent documentation review and writing skills, and the flexibility to work on multiple projects as needed.
- Basic knowledge of purification of biologics such as chromatography and filtration.
- Understanding of nucleic acid chemistry, enzymatic and chemical reactions, PCR, plasmid processing, and standard analytical techniques for macromolecules.
- Knowledge of ÄKTA systems and UNICORN control software preferred.
- Experience with TFF and UDFD principles preferred.
- Track record of completing deliverables within specified timelines.
- Independently motivated, thinks outside the box, and good problem-solving ability.
- Excellent organizational skills and attention to detail.
- Able to multi-task in an extremely fast-paced environment with changing priorities.

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