



700 Main Street  
Cambridge, MA 02139, USA  
careers@strandtx.com  
www.strandtx.com

## **Scientist, Immuno-Oncology**

### 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 heart of Kendall Square in Cambridge, MA.

### **Building a top-notch team!**

#### 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 Scientist, Immuno-Oncology. Reporting to the Founder/Head of R&D, this is a fantastic opportunity to make a significant impact as a scientifically motivated self-starter capable of independently conceiving, conducting, and critically analyzing his/her own work with minimal supervision.

### **Responsibilities**

- Lead all aspects of Immuno-Oncology preclinical research including independently planning and executing experiments that support non-routine research activities and project goals.
- Establish and validate various animal models to test the efficacy of our drug.
- Help to evaluate the process development and mechanism of action of our drug.

- Identify, develop and implement immunological analytical tools to assess/improve the performance of the drug.
- Identify and prioritize new molecular targets/pathways to pursue in the context of Immuno-Oncology.
- Help recruit and lead R&D team of Ph.D. and non-Ph.D. scientists.
- Build capacity/functionality of the team by ensuring the latest methodologies and technologies are considered and adopted as applicable.
- Present results to the company's leadership team, Board of Directors and other research team peers.

### **Qualifications**

- Ph.D. or equivalent in Immuno-Oncology, Cancer Biology, Immunology or related discipline required.
- Postdoc or equivalent experience preferred.
- Deep expertise and solid track record of research and publications in Immuno-Oncology and/or Cancer Biology.
- Extensive experience working with pre-clinical tumor models, including mouse handling, and tumor/therapeutic implantation/injection through all standard routes.
- Highly experienced in multi-color flow-cytometry.
- Develop, process and analyze assays (ELISA and Fluorescence/Luminescence-based).
- Demonstrated experience working across internal and external teams. Prior experience working with CROs and/or with academic collaborators required.
- Candidate should be a strong team player with excellent oral and written communication skills and a demonstrated ability to work independently to design experiments, interpret data, troubleshoot, and adapt experimental design based on emerging data.

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