Associate Scientist, Molecular Engineering
Job Code 411JH

Description

Fate Therapeutics is seeking a talented and highly motivated individual skilled in molecular biology that will be a key member of the Molecular Engineering team. The primary functions of this role will include DNA and RNA extraction, traditional PCR, gel electrophoresis, qPCR, and droplet digital PCR. The ideal candidate will have extensive experience with probe-based qPCR and a strong conceptual understanding of molecular biology and genetics. This position will require adherence to tight deadlines, strong independent and collaborative research abilities, a high level of organization, people management, and the ability to communicate effectively across multidisciplinary teams. This is a full-time hands-on research position that reports to a Scientist in the Molecular Engineering group and is located at the Company's corporate headquarters in San Diego, California.

Responsibilities:

- Successful design, optimization, and execution of molecular laboratory biology processes, including, but not limited to:
  - DNA and RNA extraction
  - Nucleic acid quantification and qualification via QuBit, NanoDrop, and TapeStation
  - Traditional PCR, qPCR, RT-qPCR, and ddPCR
- Design and perform experiments in the laboratory independently with proficiency and competency
- Guide and mentor research associate staff with new experiments and projects
- Providing support in document review, data entry, and data analysis
- Document experimental progress in laboratory notebooks
- Assist with general maintenance of the laboratory, equipment, and inventory of samples

Qualifications

- B.S. degree in molecular biology or related discipline with 8+ years of laboratory experience or M.S. degree in molecular biology or related discipline with 5+ years of laboratory experience. Industry experience required.
- 5+ years of demonstrated hands-on experience of molecular biology techniques (e.g., DNA and RNA isolation and quantification, traditional PCR, gel electrophoresis, qPCR, and restriction digests).
- Experience in leading teams or projects is required.
- Confidence in designing, conducting, troubleshooting experiments with the ability to analyze results independently and in collaboration with colleagues.
- Expertise with qPCR is required; experience with droplet-digital PCR is strongly preferred.
- Knowledge and experience in characterization of genetic engineering outcome is preferred.

- Ability to perform experiments in a high-throughput manner using a 96-well format is a plus.
- Excellent organizational skills with record keeping abilities.
- Experience in working with cGMP compliant/quality-controlled procedures is a plus.
- Demonstrated success in working in a cross-functional team environment.
- Comfortable in a fast-paced small company environment and able to adjust workload based upon changing priorities.

Working Conditions and Physical Requirements

- Will require working with blood and cell lines of human and animal origin
- Will require working with hazardous materials
- 100% on-site work at corporate headquarters in San Diego, CA
- Occasional evening and weekend work will be required

The preceding job description indicates the general nature and level of work performed by employees within this classification. Additional and incidental duties related to the primary duties may be required from time to time.

For consideration send cover letter and resume to: careers@fatetherapeutics.com and reference job code 411JH.

About Fate Therapeutics, Inc.

Fate Therapeutics is a clinical-stage biopharmaceutical company dedicated to the development of first- in-class cellular immunotherapies for cancer and immune disorders. The Company has established a leadership position in the clinical development and manufacture of universal, off-the-shelf cell products using its proprietary induced pluripotent stem cell (iPSC) product platform. The Company's immuno- oncology product candidates include natural killer (NK) cell and T-cell cancer immunotherapies, which are designed to synergize with well-established cancer therapies, including immune checkpoint inhibitors and monoclonal antibodies, and to target tumor-associated antigens with chimeric antigen receptors (CARs). The Company's immuno-regulatory product candidates include ProTmune™, a pharmacologically modulated, donor cell graft that is currently being evaluated in a Phase 2 clinical trial for the prevention of graft-versus-host disease, and a myeloid-derived suppressor cell immunotherapy for promoting immune tolerance in patients with immune disorders. Fate Therapeutics is headquartered in San Diego, CA. For more information, please visit www.fatetherapeutics.com.