



Senior Manager/Manager, Genomics Core
Job code 513DR

Description

Fate Therapeutics is currently seeking a talented and highly motivated individual with a strong background in genomics and next generation sequencing (NGS) to join a multidisciplinary team dedicated to the discovery and characterization of novel induced pluripotent stem cell (iPSC)-derived cellular therapeutics. The candidate will play a foundational role as Manager of Fate's Genomics Core, providing Next Generation Sequencing (NGS) support for Fate's best-in-class iPSC-derived cellular therapy R&D teams. The ideal candidate will be highly collaborative and communicative and have extensive hands-on experience in current genomics techniques including bulk and single-cell RNA sequencing, DNA sequencing, and related techniques associated with genomic, genetic, and epigenetic characterization of cells and tissues. The candidate will also be responsible for coordinating genomics core sample submission, tracking sample progress, communicating data deliverables, and managing day-to-day operations of the genomic core personnel and operations. This is a full-time, bench-level position reporting to the Director, Genomics and is located at the Company's corporate headquarters in San Diego, California.

Responsibilities

- Execute NGS protocols including, but not limited to: DNA/RNA extraction; sample QC; NGS library preparation, quantification, and QC for the Illumina platform.
- Coordinate genomics core sample submission, sample tracking, and data delivery for company-wide R&D studies.
- Assist R&D groups with genomics study design and communicate data analysis needs with the computational biology team.
- Closely follow and onboard technological developments that could benefit the company.
- Develop and/or optimize novel NGS assays and other genomics methods needed at the company.
- Interact with the manufacturers and engineers of the relevant equipment to maintain their peak functionality.
- Mentor junior staff with the potential to supervise research associates.
- Responsible for ordering required reagents and proper billing of projects.
- Write, review, revise, and follow SOPs within Fate Therapeutics' document management system.
- Maintain detailed, accurate, and up-to-date lab records and notebooks.

Qualifications

- B.S. or higher in Molecular Biology, Genetics, Cell Biology, Biochemistry or related discipline.
- Requires a minimum of 5 years of hands on experience in the latest NGS technologies. Industry experience is preferred.



- Extensive experience with Illumina Next Generation Sequencing platforms, including the generation and sequencing of libraries is required.
- Extensive experience in standard molecular biology techniques including the isolation, quantification, and manipulation of both DNA and RNA is required.
- Experience with the 10X Genomics single-cell and spatial transcriptomics platform is preferred.
- Experience communicating and executing work in highly cross-functional projects is required.
- Basic familiarity with standard NGS data processing and analysis pipelines for sequence alignment, processing, and differential gene expression analysis is preferred.
- Previous experience in managerial role in a Genomics Core Facility is preferred.
- Experience with mammalian cell culture including hematopoietic cells and cell lines, including those of human origin is preferred.
- Proven ability to think innovatively and work independently within a collaborative and team-oriented environment.
- Must be well organized, and have the ability to communicate effectively across multidisciplinary teams.

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 513DR.

About Fate Therapeutics, Inc.

Fate Therapeutics is a clinical-stage biopharmaceutical company dedicated to the development of first-in-class cellular immunotherapies for patients with cancer. 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 pipeline includes off-the-shelf, iPSC-derived natural killer (NK) cell and T-cell product candidates, which are designed to synergize with well-established cancer therapies, including immune checkpoint inhibitors and monoclonal antibodies, and to target tumor-associated antigens using chimeric antigen receptors (CARs). The Company's pipeline also includes 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 in patients with hematologic malignancies undergoing allogeneic stem cell transplant. Fate Therapeutics is headquartered in San Diego, CA. For more information, please visit www.fatetherapeutics.com.

