



Research Associate III / II, Genomics
Job code 400MD

Description

Fate Therapeutics is currently seeking a talented and highly motivated Research Associate with a background in nucleic acid purification and next generation sequencing (NGS) library processing 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 key role in Fate's Genomics group, executing NGS-based assays in support of Fate's efforts to generate and characterize best-in-class iPSC-derived cellular therapies. The ideal candidate will be highly collaborative and communicative and have extensive hands-on experience in extracting and purifying DNA and RNA from cells and tissues for use in NGS. This position will require adherence to tight deadlines, strong independent and collaborative research abilities, a high level of organization, and the ability to communicate effectively across multidisciplinary teams. This is a full-time, bench-level position reporting to a Scientist in the Genomics group and is located at the Company's corporate headquarters in San Diego, California.

Responsibilities

- Nucleic acid extraction (RNA and DNA) from cell culture and tissues
- Nucleic acid quantification and QC
- NGS library preparation, quantification, and QC for the Illumina platform
- DNA sequencing on the Illumina platform
- Coordinate receipt, tracking, and process documentation of genomics samples for company-wide R&D studies
- Optimize novel NGS assays and other genomics methods under direct supervision
- Write, review, revise, and follow SOPs within Fate Therapeutic's document management system
- Maintain detailed, accurate, and up-to-date lab records and notebooks

Qualifications

- Requires 1-3 years' experience in standard molecular biology techniques including the isolation, quantification, and manipulation of both DNA and RNA
- NGS experience is preferred
- Industry experience is preferred
- Experience with Illumina NGS platforms is preferred
- Experience with mammalian cell culture including hematopoietic cells and cell lines, including those of human origin, is preferred.

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 400MD.

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.