



**Associate Scientist / Senior Research Associate, Molecular Engineering  
(Genome Editing and Next Generation Sequencing)  
Job Code 507PFT**

**Description**

Fate Therapeutics is currently seeking a talented and motivated individual with expertise in cell and molecular biology to join a multidisciplinary team dedicated to discovery and productization of novel off-the-shelf cell-based immunotherapies. This position will perform cell culture of induced pluripotent stem cells (iPSCs) to support Fate's gene editing platform and preclinical pipelines. This position will evolve to perform Next Generation Sequencing (NGS) assays for the molecular characterization and manufacturing process of genetically engineered iPSCs. The successful candidate will master cell and molecular biology techniques and to independently design and deliver high quality results to meet Fate's aggressive timelines. This is a full-time position reporting to a Senior Scientist, Molecular Engineering, and is located at the company's corporate headquarters in San Diego, CA.

**Responsibilities:**

- Cell culture of iPSCs for genome editing assay development.
- Perform and optimize cell-based and biochemical assays, e.g. cell transfection, PCR, qPCR, ddPCR, NGS DNA library preparation, sample quantification, sequencer operation, and generate reports on assays performed in timelines to meet program and corporate objectives.
- Participate in process and assay development activities for genome editing pipeline.
- Communicate research and development findings in cross-disciplinary team meetings as well as with external partners.
- Record detailed experimental procedures in laboratory notebooks and controlled documents.

**Qualifications**

- BS in cell biology, molecular biology or similar. MS degree preferred.
- Minimum of 4 years of hands-on cell culture and molecular biology experience (industry experience highly preferred).
- Experience in NGS library prep methodologies is required.
- Prior experience in CRISPR-Cas genome editing is plus.
- Experience in managing high throughput samples is a plus.
- Understanding in cell and molecular biology and technology, critical thinking, analytical skills, trouble-shooting ability, and attention to detail.
- Collect, maintain, and organize primary data and analyses accurately and timely in accordance with company policy.
- Capability to multi-task, be independent, self-motivated, as well as work in a highly collaborative setting.
- Comfortable in a fast-paced environment and able to adjust workload based upon changing priorities.
- Excellent written and verbal communication and presentation skills.

**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 curriculum vitae to: [careers@fatetherapeutics.com](mailto:careers@fatetherapeutics.com) and reference job 507PFT.

**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](http://www.fatetherapeutics.com).