



**Associate Scientist / Senior Research Associate, Process Development
Job Code 471CD**

Description

Fate Therapeutics is seeking a detail-oriented, organized, and technically skilled researcher to join our Process Development Team. This position will help develop, improve, and optimize *in vitro* cell differentiation processes related to Fate's novel, engineered, iPSC-derived T cell products. The successful candidate will be engaged in testing and implementing process changes to build upon Fate's iPSC differentiation platform as well as support both upstream R&D activities and downstream clinical manufacturing of novel cellular immunotherapies. This is a full-time, bench-level position, reporting to a Scientist in Process Development and is located at our corporate headquarters in San Diego, California.

Responsibilities:

- Differentiate and characterize engineered, off-the-shelf T cell products using aseptic cell-culture technique.
- Design, execute, and analyze experiments to develop, optimize, and evaluate process-related improvements to Fate's iPSC-derived T cell differentiation platform for novel off-the-shelf products.
- Analyze and evaluate in-process and endpoint phenotype of iPSC-derived T cells using multi-parameter flow cytometry.
- Assess *in vitro* function of iPSC-derived T cells, including proliferation, cytokine secretion, and target cell killing, using standard assays.
- Oversee and execute in vivo experiments with support from the In Vivo Pharmacology Group.
- Perform previously established methods to support IND-enabling activities, including pilot lot production, release, stability, and characterization.
- Follow good documentation and review practices, and maintain current and accurate experimental and material records.
- Effectively communicate experimental strategies and results in presentations and written reports.

Qualifications

- B.S / M.S. Degree in Cell Biology, Stem Cell Biology, Immunology, or related field with a minimum of 3 years (SRA) or a minimum of 5 years (AS) of relevant bench-level experience in an academic, biotechnology, or pharmaceutical setting.
- Proficiency with aseptic techniques for working with mammalian cell culture.
- Hands-on experience with flow cytometry-based assay execution and analysis; experience with 8+ colors is a plus.
- Prior experience with cell-based functional assays, including proliferation, cytokine secretion, and target cell killing, is desirable.
- Expertise in cellular biology, especially stem cell biology, T cell biology, or NK cell biology, is a plus.



- Proficiency in experiment execution, data analysis, and troubleshooting.
- Excellent written and oral communication skills. An ability to succinctly communicate experimental findings will be highly valued.
- Careful attention to detail and strong analytical and problem-solving skills.
- Positive outlook, engagement, and interest in testing and implementing new ideas.
- Ability to work independently and effectively in a fast-paced team environment, as well as to prioritize activities from multiple projects with little supervision.

Working Conditions and Physical Requirements

- 100% on-site work at corporate headquarters in San Diego, CA.
- Occasional evening and weekend work will be necessary
- Will require working with cells and cell lines of human and/or animal origin

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, please send cover letter and resume to careers@fatetherapeutics.com and reference job 471CD.

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.