



**Senior Scientist, Cancer Immunotherapy
(T cell enhancement)
Job code 599CC**

Description

Fate Therapeutics is in search of a talented and motivated individual to become part of our T cell cancer immunotherapy team. Our rapidly growing team is part of a great effort to develop allogeneic, off-the-shelf adoptive cell therapy products. The successful candidate will be responsible to lead a research and development team for discovery of T cell enhancers to be expressed at unique temporal and spatial events to further enhance functional activity without eliciting exhaustion. Paramount to this position is the ability to work collaboratively with peers across multiple disciplines, both internally and with outside partners, including top pharmaceutical and academic labs, and to guide and coach others in a team environment. This position requires a strong background in T cell biology, cancer biology, and tumor immunology. This individual is expected to develop and lead colleagues and projects contributing to our T cell research and development team focusing on persistence, cytokine autonomy, and liquid and solid tumor targeting. As part of the team, the scientist will improve our understanding of iPSC-derived, engineered T cells through design, planning, and execution of in vitro and in vivo experiments. Collaboration with both external and internal partners places a high value on strong communication and professional skills is required. This is a full-time position reporting to a Principal Scientist, Cancer Immunotherapy and is located at our corporate headquarters in San Diego.

Responsibilities include

- Investigate, develop, and employ novel strategies to enhance T cell function for the next generation iPSC-derived T cells
- Differentiate and characterize off- the-shelf, iPSC-derived T cells
- Conduct routine and develop novel cellular characterization strategies, including flow cytometry, immunofluorescence, and RNAseq
- Conduct routine and develop novel immune cell functional assays, including proliferation, cytokine release, real time cell analysis for in vitro killing and persistence, and in vivo or ex vivo tumor killing and persistence assays
- Participate in daily laboratory maintenance activities including ordering and maintaining stocks of lab reagents
- Analyze and present data to immunotherapy groups, larger program-specific teams and outside collaborators from world renown laboratories and pharmaceutical companies.
- Take initiative to perform routine laboratory tasks and upkeep of the lab space in order to maintain conditions that are conducive to excellent scientific work.

Requirements

- Ph.D. in Immunology, cancer cell biology (or a related field) with a minimum of 5 years of relevant laboratory experience in an academic, biotechnology, or pharmaceutical setting.
- Experience with mammalian cell culture, ideally with in vitro assessment of lymphocyte effector functions including tumor cell cytotoxicity killing assay and cytokine production is highly desirable.
- Experience with multi-laser flow cytometry instruments, high dimension analysis software and the ability to design extensive flow cytometry panels is highly desirable.
- Excellent coordination and communication with multiple groups for scheduling and execution of experiments.
- Excellent data organization, analysis, and troubleshooting skills using Prism or Spotfire.
- Positive outlook, willingness to learn and contribute, and a team-oriented attitude.



- Excellent written and oral communication skills.
- Experience leading, mentoring, and supervising team members.
- Experience working in a fast-paced environment with proven experience thriving in a cross-functional team setting.

Working conditions and physical requirements

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

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 599CC.

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). Fate Therapeutics is headquartered in San Diego, CA. For more information, please visit www.fatetherapeutics.com.