



**Scientist, Cancer Immunotherapy**  
**Job code 447EP**

**Description**

Fate Therapeutics is seeking a highly motivated scientist with expertise in immunology and cancer biology to join a multidisciplinary team dedicated to the discovery of novel cellular therapeutics for the treatment of solid tumors. The candidate must have in-depth knowledge of T or NK cell biology in addition to extensive experience with *in vitro* and *in vivo* functional characterization assays. The ideal candidate will have prior experience with engineered T or NK cell therapies. This position will be a key member of our cancer immunotherapy team and will assist in performing and analyzing studies involving *in vitro*, *in vivo*, and *ex vivo* testing of Fate Therapeutics' novel cellular therapy products. This is a full-time, bench-level position reporting to an Associate Director in Cancer Immunotherapy and is located at the Company's corporate headquarters in San Diego, California.

**Responsibilities**

- Differentiate and evaluate iPSC-derived CAR-iT cells
- Design/test genetic modifications that may enhance the persistence and antitumor efficacy of CAR-iT cells in *in vitro* and *in vivo* solid tumor models
- Assessment of CAR-iT phenotype through multi-parameter flow cytometry
- Assessment of CAR-iT function using standard *in vitro* assays looking at proliferation, cytokine secretion, and target cell killing
- Oversee and execute *in vivo* experiments with support from the *in vivo* pharmacology group
- Support programs at Fate in the areas of tumor immunology and cellular immunotherapies
- Present data to immunology groups and larger program-specific teams

**Qualifications**

- Ph.D. degree in Immunology or Cancer biology or other related fields with a minimum of 2 years of post-doctoral experience; industry experience preferred
- In-depth experience with multi-parameter flow cytometry
- In-depth experience in mammalian cell culture
- In-depth experience in executing and developing assays for functional testing of T or NK cells
- Experience with *in vivo* tumor model development is desirable
- Experience with current techniques for editing and engineering of T or NK cells is a plus
- Experience with xCelligence or IncuCyte platforms is desirable
- Proven ability to coordinate with multiple researchers for scheduling and execution of complex experiments
- Excellent communication and organization skills are a must
- Positive outlook and a team-oriented attitude

**Working Conditions and Physical Requirements**

- Will require working with cells and cell lines of human and/or animal origin
- Will require working with hazardous materials
- 100% on-site work at corporate headquarters in San Diego, CA
- Evening and weekend work as necessary



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](mailto:careers@fatetherapeutics.com) and reference job code 447EP.

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