



Scientist, Cancer Immunotherapy
Job code 265EP

Description

Fate Therapeutics is seeking a highly motivated Immunologist with expertise in immune oncology to join a multidisciplinary team dedicated to the discovery of novel cellular therapeutics for the treatment of hematological disorders and solid tumors. The ideal candidate will have in-depth knowledge of NK or T cell biology in addition to extensive experience with mammalian cell culture. Experience with current molecular biology techniques used for editing and engineering of lymphocytes is a plus. 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 a Senior Scientist in Cancer Immunotherapy and is located at the Company's corporate headquarters in San Diego, California.

Responsibilities

- Optimization of protocols for the production and expansion of highly-edited CAR-T cells
- Transduction and electroporation of primary T cells
- Assessment of CAR-T phenotype through multi-parameter flow cytometry
- Assessment of CAR-T function using standard *in vitro* assays looking at proliferation, cytokine secretion, and target cell killing
- Oversee and/or execute *in vivo* experiments with support from the *in vivo* core
- Support programs at Fate in the areas of tumor immunology and cellular immunotherapies
- Interpret data and present to the immediate working group and to larger program-specific teams

Qualifications

- Ph.D. degree in Immunology, Cancer biology, or other related fields with at least 3 years of post-doctoral experience
- In-depth experience with multi-parameter flow cytometry
- In-depth experience in mammalian cell culture
- In-depth experience in executing and developing assays involving primary human T-cells
- Experience with CRISPR screening in lymphocytes is a plus
- Experience with current molecular biology techniques for editing and engineering of T cells is a plus
- Experience with *in vivo* tumor model development 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 and reference job code 265EP.

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 is pioneering the development of universal, off-the-shelf cell products using its proprietary induced pluripotent stem cell (iPSC) product platform. The Company's immuno-oncology pipeline is comprised of NK cell and T-cell cancer immunotherapies, with a focus on developing universal, off-the-shelf cell products intended to synergize with checkpoint inhibitor and monoclonal antibody therapies and to target tumor-associated antigens. The Company's first iPSC-derived NK cell product candidates include FT500, which is currently being clinically investigated for the treatment of advanced solid tumors, and FT516, for which the Company is preparing to initiate clinical investigation for the treatment of certain hematologic malignancies. The Company's immuno-regulatory pipeline 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, 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.