



Scientist / Engineer, Cancer Immunotherapy
Job code 237JG

Description

Fate Therapeutics is seeking an aspiring scientist or engineer to join our rapidly growing cancer immunotherapy team in developing novel iPSC derived NK cell and T cell therapeutics. The position involves focused development and execution of *in vivo* and *in vitro* assays critical to our evaluation of cell-based immunotherapy products currently under preclinical development, and in the future establishment of novel science-driven iPSC derived cell therapy products. A successful candidate will have the necessary skills and experience to independently perform characterization of immune cell phenotype and functions, application of disease models and cell-based therapies *in vivo* and detailed analysis of immunological experiments involving NK and T cell proliferation, survival, and function. A necessary foundation in immunology and experience with a broad range of immunological and cell biological assays is required, including familiarity with multi-color flow cytometry, ELISA, gene expression analysis and molecular biology. Previous cell culture experience, particularly with primary immune cells, is preferred. This position reports to the Senior Scientist, Cancer Immunotherapy and is located at our corporate headquarters in San Diego, California.

Responsibilities

- Design and perform *in vivo* experiments to support preclinical development of NK and T cell immunotherapy product candidates
- Identify and evaluate novel approaches to modulate NK cell and T cell differentiation and effector function
- Design and execute *in vitro* and *in vivo* assays to evaluate the efficacy of immunology products
- Presentation of data to project group and wider research organization

Qualifications

- Ph.D. in Immunology, Cell Biology or other related field with 3+ years of relevant experience
- Expertise in multi-parameter flow cytometry, including analysis and intracellular staining, and *in vivo* and *in vitro* functional T cell and NK cell assays
- Excellent communication, organization, and presentation skills
- Independence in experimental design, data analysis, and interpretation
- Adaptability and initiative are valued
- In-depth experience with cell culture techniques and expansion of both cell lines and primary immune cells

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



- 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 237JG.

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 off-the-shelf cell products using its proprietary induced pluripotent stem cell (iPSC) product platform. The Company's immuno-oncology pipeline is comprised of FATE-NK100, a donor-derived natural killer (NK) cell cancer immunotherapy that is currently being evaluated in three Phase 1 clinical trials, as well as iPSC-derived NK cell and T-cell immunotherapies, with a focus on developing augmented cell products intended to synergize with checkpoint inhibitor and monoclonal antibody therapies and to target tumor-specific antigens. The Company's immuno-regulatory pipeline includes ProTmune™, a next-generation 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.