Description

Fate Therapeutics is currently seeking a motivated and skilled individual to join our NK cell immunotherapy team in the development of allogeneic, off-the-shelf adoptive cell therapy products. This position requires relevant laboratory experience in immunology, cell biology, or a related field, and previous experience with aseptic technique and mammalian cell culture. The successful candidate will join our leading NK cell research and development team and will be working to improve our understanding of CAR biology in iPSC-derived, engineered NK and T cells. This position will join a growing team focusing on clinical-stage immunotherapy product candidates. This is a full-time position and is located at our corporate headquarters in San Diego.

Responsibilities include

- Develop unique chimeric antigen receptor and T cell receptor motifs for ideal targeted anti-tumor function
- Design and execute experiments to test and optimize CAR expression and function in iPSC-derived NK cells
- Develop high throughput assays for testing the functionality of CAR constructs in iPSC-derived NK cells
- Perform phenotypic and functional analyses of CAR-NK cells using multi-color flow cytometry
- Design and execute in vitro functional assays and in vivo xenograft tumor models to evaluate CAR-NK product candidates
- Collect, maintain, and organize primary data and analyses accurately and timely in accordance with company policy
- Deliver/present results in a multidisciplinary team environment that includes collaborations with top research laboratories and institutes

Requirements

- M.S. (Associate Scientist level) or Ph.D. (Scientist level) in immunology, cell biology, or a related field, and 2+ years of laboratory experience in an academic, biotechnology, or pharmaceutical setting.
- Experience with transfecting primary immune cells, including chemical-based methods, electroporation and retroviral/lentiviral transduction.
- Experience with primary immune cell culture and in vitro assessment of T and/or NK cell effector functions, including tumor cell killing, cytokine production and cell proliferation.
- Experience with executing and troubleshooting multi-color flow cytometry (>7 colors). Experience with BD LSR, Fortessa, FlowJo and the ability to design complicated flow panels is highly desirable.
- 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.

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 curriculum vitae to: careers@fatetherapeutics.com and reference job 337JG.

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 immunoncology 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.