



Scientist, Cancer Immunotherapy
Job ID 455WY

Description

Fate Therapeutics is currently seeking a motivated and skilled individual with expertise in Immunology, cancer biology or related fields to join our multidisciplinary team in the development of allogeneic, off-the-shelf adoptive cell therapy products for the treatment of hematological disorders and solid tumors. This successful candidate will be responsible for the development of novel chimeric antigen receptor (CAR) T cell products with multiple anti-tumor modalities. The selected candidate must have strong knowledge of T cell biology or cancer biology in developing novel functional analysis in various in vitro tumor models and in vivo xenograft tumor models. This position requires relevant experience in immunology, cell biology or a related field, and prior experience with mammalian cell culture. This position will require independent research with close coordination with molecular biology, cellular engineering, process development teams. This is a full-time, bench-level position and is located at our corporate headquarters in San Diego.

Responsibility

- 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 immune cell phenotypic analysis with flow cytometry and RNAseq
- Design and execute experiments to investigate function of CAR-T cells derived from iPSC, including in vitro tumor killing and real time immune cell analysis for in vitro killing and persistence
- Oversee and execute in vivo experiments with support from the in vivo pharmacology group
- Deliver/present results in a multidisciplinary team environment that includes collaborations with top research laboratories and institutes

Requirements

- PhD degree in Cancer Biology, Immunology, Cell Biology or related fields with 0-2 years of relevant experience
- Prior experience with multi-color flow cytometry and data analysis
- Experience with 8+ color flow cytometry is a plus
- Experience with tumor microenvironment analysis is a plus
- Experience with transfecting primary immune cells including retroviral/lentiviral transduction is a plus
- Excellent written and oral communication, organization, as well as data analysis skills

Working Conditions and Physical Requirements

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

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 455WY.



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.