Senior Scientist/Scientist, Cancer Immunotherapy
(Stealth)
Job Code 338JG

Description
We are seeking a talented senior scientist to join our expanding cancer immunotherapy discovery team at Fate Therapeutics delving into novel persistence strategies related to off-the-shelf iPSC-derived NK and T cell therapeutics. This position will lead efforts to design experiments and develop complementary in vivo and in vitro models and assays for adoptive cell therapy to continue the evolution of our cell-based immunotherapy products currently under development. The ideal candidate will have experience with murine models of human allogeneic transplantation and rejection and in-depth knowledge of T cell or NK cell biology as related to immune detection (host versus graft). Additionally, experience in the development or application of cellular therapy in animal models, high resolution characterization of immune cell phenotype and functions, tracking and imaging and detailed analysis of immunological experiments involving NK (and/or T cell) proliferation, survival, and effector function is desired. A foundation in immunology and molecular biology, with experience with immunological and cell-based biological assays and mammalian cell culture is required. The selected candidate will also have an opportunity to play a leading role in working with top academic faculty and institutes. This is a full-time position and is located at our corporate headquarters in San Diego, California.

Responsibilities
• Design and execute appropriate models and perform in vivo and in vitro experiments to support discovery and development of novel allogeneic iPSC-derived NK cell immunotherapy candidates.
• Identify and evaluate novel approaches to modulate NK cell differentiation and effector function, and strategies to enhance efficacy and survival through both genetic engineering and optimization of the culture process.
• Identify, validate and deliver proof-of-concept research leads that can be efficiently applied to new or existing cell therapy product candidates.
• Manage sponsor research collaboration with top academic faculty.

Qualifications
• Ph.D. in Immunology, Cell Biology or other related field with 5+ 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 with various solid and liquid tumor models.
• Excellent communication, organization, and presentation skills.
• Innovative approach in experimental design, data analysis, and interpretation.
• Adaptability, initiative and attention to detail are highly 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 curriculum vitae to: careers@fatetherapeutics.com and reference job 338JG.

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.