Senior Scientist / Scientist, Cancer Immunotherapy (Solid Tumor)
Job code 412AG

Description

Fate Therapeutics is in search of a talented and motivated individual to become part of our NK cell cancer immunotherapy team. Our rapidly growing team is part of a great effort to develop allogeneic, off-the-shelf adoptive cell therapy products. Paramount to this position is the ability to work collaboratively with peers across multiple disciplines, both internally and with outside partners, including top pharmaceutical and academic labs, and to guide and coach others in a team environment. This position requires a strong background in NK or T cell biology, cancer biology, and tumor immunology. This individual is expected to develop and lead colleagues and projects contributing to our NK cell product development team focusing on solid tumor targeting and the tumor microenvironment as it pertains to NK cell trafficking, persistence, and function. As part of the team, the scientist will improve our understanding of iPSC-derived, engineered NK cells through design, planning, and execution of in vitro and in vivo experiments. Collaboration with both external and internal partners places a high value on strong communication and professional skills is required. This is a full-time position reporting to a Principal Scientist, Cancer Immunotherapy and is located at our corporate headquarters in San Diego.

Responsibilities include

- Leverage NK cell biology, tumor immunology, or cancer biology expertise in collaborative efforts with Scientists, Associate Scientists and Research Associates to develop, influence and enhance our understanding of NK cell products.
- Design, plan, execute and manage proof of concept studies spanning multiple programs to assess NK cell products' fitness and function.
- Phenotypic and functional analysis of NK cells using multi-color flow cytometry, gene expression, and cytokine production.
- Viral vector-based modification of cell lines and primary cells.
- Aseptic culture techniques of tumor, NK cells, and cell lines.
- Perform in vitro cytotoxicity assays and in vivo xenograft tumor models to evaluate immune-oncology product candidates.
- Collect, maintain, and organize primary data and analysis accurately and timely in accordance with company policy.
- Prepare and present data to team members and larger multidisciplinary teams.
- Take initiative to perform routine laboratory tasks and upkeep of the lab space in order to maintain conditions that are conducive to excellent scientific work.

Requirements

- Ph.D. in Immunology, cancer cell biology (or a related field) with 2+ years of relevant laboratory experience in an academic, biotechnology, or pharmaceutical setting.
- Experience with mammalian cell culture, ideally with in vitro assessment of lymphocyte effector functions including tumor cell cytotoxicity killing assay and cytokine production is highly desirable.
- Experience with multi-laser flow cytometry instruments, high dimension analysis software and the ability to design extensive flow cytometry panels is highly desirable.
- Excellent coordination and communication with multiple groups for scheduling and execution of experiments.
- 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 resume to: careers@fatetherapeutics.com and reference job code 412AG.

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.