Senior Research Associate, Process Sciences
Job code 214KP

Description

Fate Therapeutics is seeking an enthusiastic and skilled cell biologist to join our company's Process Sciences and Assay Development team to support the company's off-the-shelf cellular immunotherapy programs. The successful candidate will join a multidisciplinary team pursuing the derivation of hematopoietic cells, particularly engineered hematopoietic progenitor stem cells (eHPSCs), from iPSCs for cellular therapeutic purposes. The candidate will work with project teams to develop robust culture, differentiation, purification and characterization methods for human induced pluripotent stem cells (iPSC) derived cell therapy products. Candidates must have extensive cell culture experience, in particular with embryonic stem cells (ESCs) or iPSCs, and an understanding of immunology is preferred. This position is located at our corporate headquarters in San Diego, CA and reports to the Development Scientist, Cell Therapy.

Responsibilities

- Maintenance and expansion of iPSC lines
- Perform, optimize, and analyze experiments involving the in vitro differentiation, expansion, and production of iPSCs towards eHPSCs
- Produce iPSC-derived hematopoietic cells to support the development of off-the-shelf cellular therapies
- Phenotypic and functional characterization utilizing flow cytometry, FACS sorting, gene expression, NK cell / myeloid / T cell differentiation assays
- Design and execute on experimental plans to achieve project goals within a given time constraint
- Implement procedures to standardize Fate's hematopoietic differentiation platform
- Data analysis, data interpretation, detailed record keeping, and SOP writing
- Presentation of data to Tech Ops group and larger program-specific teams
- Work closely with Fate's manufacturing, QC, research and development teams to solve technical challenges
- Ordering and maintaining stocks of lab reagents

Qualifications

- B.S. + minimum 8 years of relevant experience or M.S. + minimum 6 years of relevant experience in stem cell biology, developmental biology, biomedical engineering, immunology or other related fields
- Expertise in mammalian cell culture
- Prior hands-on experience with iPS/ES cell culture and differentiation is preferred
- Hands-on laboratory experience outside of the classroom in an industry setting is desirable
- Prior experience with multi-color flow cytometry data acquisition and analysis
- Applicants should possess a strong work ethic, initiative, the ability to multi-task, and a desire to acquire new technical skills
- Excellent communication, time management, record keeping, and data analysis skills
- Background in immunology is a plus

Working Conditions and Physical Requirements

- Will require working with cells and cell lines of human and/or 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 214KP.

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.