Scientist / Associate Scientist, Process Sciences
Job code 216BR

Description

Fate Therapeutics is seeking an experienced and highly motivated scientist to join the Process Sciences team, to optimize manufacturing processes for iPSC-derived immunotherapeutic candidates. The successful candidate will work in a multidisciplinary team to define and implement robust manufacturing processes and associated analytical procedures, predictive biomarkers, and cGMP-compliant processes for the manufacturing of novel iPSC-derived cellular therapeutic products. This position requires prior experience with mammalian cell culture, process development, stem cell biology and/or immunology, and excellent technical, organizational, and interpersonal skills. This is a full-time position reporting to the Associate Director of Process and Assay Development, and is located at our corporate headquarters in San Diego, CA.

Responsibilities

- Design, author, and execute protocols and reports to support iPSC-derived immunotherapy cGMP-compliant manufacturing process development and continuous process improvement.
- Characterize cell populations throughout the iPSC-derived NK and T cell production process and identify in-process and final product critical to quality attributes.
- Establish process parameters and generate data to identify potential process failure modes, and when required, support implementation of process changes throughout clinical development of iPSC-derived immunotherapy products.
- Maintain engineered iPSC lines and perform differentiation to hematopoietic progenitors, and subsequent differentiation to mature NK and T cells, per quality-controlled batch records to support IND filings and CMC amendments.
- Collaborate with cross-functional teams to translate research protocols and processes into formal manufacturing procedures and batch records.
- Identify appropriate techniques and novel strategies to improve the reproducibility of manufacturing processes and LEAN process improvement.
- Provide guidance and hands-on training to junior staff.

Qualifications

- Ph.D. degree in biological sciences or biochemical engineering with 2+ years of industry experience or B.S./M.S. degree with 10+ years of experience.
- At least 2 years of clinical-stage biotech or pharmaceutical company experience; cell therapy experience strongly preferred.
- Experience writing study protocols, executing experiments, drafting study reports and batch records is preferred.
- Extensive small and large-scale mammalian cell culture experience, plus experience utilizing cellular characterization techniques including flow cytometry, ELISAs, and molecular biology.
- Demonstrated expertise in stem cell biology, developmental biology and/or immunology strongly preferred.
- Must work well in a team environment with excellent interpersonal and communication skills (written and verbal).

- Must be highly organized, detail oriented and have strong analytical and problem-solving skills.

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 216BR.

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.