



**Associate Scientist, MSAT**  
**Job code 504TG**

**Description**

Fate Therapeutics is seeking an enthusiastic and skilled cell biologist to join our company's Manufacturing Science and Technology (MSAT) Team. The successful candidate will join a multidisciplinary team evaluating new technologies and developing novel processes for the scaled-up manufacturing of cellular immune therapies from human induced pluripotent stem cells (iPSC). This position will lead and support projects in the MSAT team to develop scaled-up culture, differentiation, purification and characterization methods for iPSC-derived cellular therapy products. Furthermore, they will actively support laboratory operations by coordinating the inventory, purchase and aliquoting of key reagents. Candidates must have a background in biological sciences with extensive cell culture experience and understanding of differentiation of iPSCs, bioreactors, process development and/or immunology. This is a full-time position reporting to the Principal Scientist, MSAT. This position will require dedicated weekend hours and is located at our corporate headquarters in San Diego, CA.

**Responsibilities**

- Design, and execute protocols and reports to support cellular drug product manufacturing process development and continuous process improvement.
- Establish process parameters and generate data to identify potential process failure modes, and support implementation of process changes throughout clinical development of iPSC-derived immunotherapy products.
- Cell culture including the maintenance and expansion of feeder and iPSC lines and derivatives.
- Maintenance of cell culture in wave and stirred-tank bioreactors.
- Aseptic preparation of reagent stocks, including media, cytokines and small molecules.
- Phenotypic and functional characterization utilizing microscopy, flow cytometry, and cell-based assays.
- Inventory and ordering of general laboratory reagents and materials.
- Assist senior members of the MSAT team in developing processes and analytical testing as required.
- Timely and detailed record keeping of all activities.
- Communicate experimental results to relevant team members and by presentations at MSAT team meetings.

**Qualifications**

- B.S. / M.S. degree in Biological sciences, Biomedical Engineering, Immunology or related fields with a minimum of 5 years of relevant biopharmaceutical operations / manufacturing experience. Expertise with mammalian cell culture and excellent aseptic technique is required
- Prior experience running multi-color flow cytometry assays and performing data analysis is highly desired
- Excellent record-keeping and communication skills



- Experience with downstream processing, cell banking and cryopreservation optimization is a plus
- Highly organized, possess a strong work ethic, and have the desire to acquire new technical skills in a fast-paced environment

#### **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 (Saturday and Sunday with equivalent time off in the week)

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](mailto:careers@fatetherapeutics.com) and reference job code 504TG.

#### **About Fate Therapeutics, Inc.**

Fate Therapeutics is a clinical-stage biopharmaceutical company dedicated to the development of first-in-class cellular immunotherapies for patients with cancer. 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 pipeline includes off-the-shelf, iPSC-derived natural killer (NK) cell and T-cell product candidates, which are designed to synergize with well-established cancer therapies, including immune checkpoint inhibitors and monoclonal antibodies, and to target tumor-associated antigens using chimeric antigen receptors (CARs). The Company's pipeline also includes 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 in patients with hematologic malignancies undergoing allogeneic stem cell transplant. Fate Therapeutics is headquartered in San Diego, CA. For more information, please visit [www.fatetherapeutics.com](http://www.fatetherapeutics.com).