



**Senior Manager / Manager, Flow Cytometry Core  
Job Code 273BR**

**Description:**

Fate Therapeutics is seeking a talented and highly motivated individual with a breadth of flow cytometry expertise to lead the flow cytometry core in support of the Research and Development groups. The successful candidate will manage the flow cytometry core daily functions, lead company-wide training sessions, evaluate new technologies, and execute and analyze experiments using flow cytometry to develop and characterize novel hematopoietic cell-based therapeutics. The ideal candidates should have experience managing daily operations of the flow cytometry core, performing cell sorts, designing multi-color flow cytometry experiments, and facilitating highly-complex data analysis. This is a full-time position reporting to the Director, Process and Assay Development and is located at our corporate headquarters in San Diego.

**Primary Responsibilities:**

- Operate and maintain multiple state-of-the art flow cytometers and fluorescence-activated cell sorters with support from flow cytometry core associates
- Partner with scientific staff to design and optimize flow cytometry panels, design experiments, and analyze data
- Establish and oversee the flow cytometry core user training program, seminars, and user groups for new instrumentation
- Thoroughly evaluate emerging flow cytometry and related technologies in relation to company objectives, develop and present longer-term plans for building the flow cytometry core to support those objectives
- Assist in the transfer of assays to the QC team and external partners for use on clinical-stage cell therapies
- Work with our bioinformatics team or external groups to develop automated gating strategies and other tools to analyze multi-parameter flow cytometry data
- Work with manufacturing and quality teams to establish and perform GMP-compliant cell sorting

**Requirements:**

- M.S. or Ph.D. in Biological Sciences or other related field and 8+ years of flow cytometry experience
- Experience operating and troubleshooting FACSAria, Sony FX500, or other cell sorters is required
- 2 or more years of experience leading and providing operational management of a Flow Cytometry Core



- Demonstrated strong theoretical and practical knowledge of the fields of Stem Cell Biology, Immunology and/or Cancer Biology
- 12+ color flow cytometry experimental design and optimization, surface and intracellular antibody staining techniques, data acquisition, and data analysis expertise are required
- Expertise in using BD FACSDiva software, FlowJo, Kaluza, Cytobank and/or other flow cytometry analysis software is required
- Experience developing or partnering with bioinformatics team to develop R-based flow cytometry data analysis tools is preferred
- Attention to detail, excellent record keeping abilities, and willingness to work in a collaborative environment are a must
- Experience working in a GMP environment or operating under a quality system is preferred

#### **Working Conditions and Physical Requirements**

- 100% on-site work at corporate headquarters in San Diego, CA
- Occasional evening and weekend work will be required

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 273BR.

#### **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's immuno-oncology pipeline is comprised of universal, off-the-shelf NK cell and T-cell product candidates that are mass produced using its industry-leading induced pluripotent stem cell (iPSC) product platform. In 2019, Fate Therapeutics initiated the first-ever clinical trial in the United States of an iPSC-derived cell product, and is developing this NK cell cancer immunotherapy, FT500, for the treatment of patients with advanced solid tumors and lymphomas that are resistant to checkpoint inhibitor therapy. The Company is also developing FT516, an engineered iPSC-derived NK cell product candidate incorporating a novel high-affinity, non-cleavable 158V CD16 Fc receptor for enhanced binding to monoclonal antibodies, and is advancing a highly-differentiated pipeline of iPSC-derived chimeric antigen receptor (CAR) NK cell and T-cell product candidates designed to simultaneously engage multiple tumor-associated antigens for the treatment of hematologic malignancies and solid tumors. The Company's immuno-regulatory pipeline includes ProTmune™, a pharmacologically-modulated, donor cell graft that is currently being evaluated in a Phase 2 clinical trial for the prevention of acute graft-versus-host disease (GvHD), and an iPSC-derived myeloid-derived suppressor cell (MDSC) 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](http://www.fatetherapeutics.com).