Scientist / Associate Scientist, Hematopoietic Differentiation and Translation
Job Code 161BR

Description

Fate's Hematopoietic Differentiation and Translation team is currently seeking a skilled and motivated cell biologist to support the company's off-the-shelf cellular immunotherapy translational 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 perform, optimize and analyze experiments involving the in vitro differentiation, expansion and production of iPSCs towards eHPSCs. Candidates must have extensive cell culture experience, in particular with embryonic stem cells (ESCs) or iPSCs, and a knowledge of the hematopoietic system and immunology is preferred. This position will require independent research and coordination with the company's iPSC engineering and reprogramming team, as well as process development groups. This is a full-time position and is located at our corporate headquarters in San Diego, CA.

Responsibilities:

- Production of 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
- Implement procedures to standardize Fate's hematopoietic differentiation platform
- Assay development and implementation to support characterization of Fate's hematopoietic differentiation platform
- Data interpretation, detailed record keeping and SOP writing
- Ordering and maintaining stocks of lab reagents and samples
- Presentation of data to iPSC-Core group and larger program-specific teams

Qualifications

- B.S. + 10 years of relevant experience, M.S. degree + 5 years relevant lab experience or PhD +3 years post-doctoral training in cell biology, developmental biology, immunology or other related fields
- Prior experience and knowledge in iPSC/ESC cell culture and differentiation techniques
- Prior experience with flow cytometry data acquisition and analysis
- Working knowledge of the immune system and/or developmental hematopoiesis is a plus
- Excellent communication, time management, record keeping and data analysis skills

- The ability to successfully pursue an individual research project and take direction in a group environment

Working Conditions and Physical Requirements

- Will require working with cell lines of human origin
- May require working with rodent models
- 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 and reference job code 161BR.

About Fate Therapeutics, Inc.

Fate Therapeutics is a clinical-stage biopharmaceutical company dedicated to the development of programmed cellular immunotherapies for cancer and immune disorders. The Company's hematopoietic cell therapy pipeline is comprised of NK- and T-cell immuno-oncology programs, including off-the-shelf product candidates derived from engineered induced pluripotent cell lines, and immuno-regulatory programs, including product candidates to prevent life-threatening complications in patients undergoing hematopoietic cell transplantation and to promote immune tolerance in patients with autoimmune disease. Its adoptive cell therapy programs are based on the Company's novel *ex vivo* cell programming approach, which it applies to modulate the therapeutic function and direct the fate of immune cells. Fate Therapeutics is headquartered in San Diego, CA. For more information, please visit www.fatetherapeutics.com.