Scientist, Reprogramming Biology
Job Code 184RA

Description

Fate's Reprogramming Biology group is seeking a skilled and highly motivated cell biologist to support ongoing cellular reprogramming and engineering research to further develop the company's pluripotent stem cell platform. The successful candidate will be responsible for the generation of human induced pluripotent stem cells (iPSCs) from various starting cellular sources as well as the engineering of human iPSCs with specific genetic modalities using available editing tools to create off-the-shelf cellular therapeutic products to treat cancer and immune diseases. The position will also involve active research and development to improve and enhance our proprietary reprogramming and maintenance platform to ensure Fate's leadership position in the cellular reprogramming field. The position will require individual, independent research as well as coordination with the larger research, manufacturing and regulatory groups. This is a full-time position and located at our corporate headquarters in San Diego, CA.

Responsibilities:

- Reprogramming of somatic cells into iPSCs using plasmid and viral-based methods and characterization of generated iPSC lines
- Genetic editing/engineering of various cell populations, including phenotypic and functional characterization related to the genetic modulation
- Ongoing optimization of the company's reprogramming and maintenance platform
- Support initiatives related to the generation, characterization and internal banking of iPSCs for both research and therapeutic development activities including manufacturing under GMP-compliant conditions
- Draft and execute SOPs and batch records and follow process documentation
- Presentation of data to group and wider research organization

Qualifications

- Ph.D. in cell biology, immunology or related fields
- Minimally 2-5 yrs Postdoctoral training and/or 2-3 yrs biotech/pharma experience
- Extensive experience in cellular reprogramming, pluripotent cell culture and characterization
- Experience in genome modification of human iPSCs
- Minimally 4 yrs experience in basic methods of cell culture and multi-parameter flow cytometry
- Demonstrated scientific track record through relevant publications and/or patents

- Self-motivation, excellent time management, organizational, analytical and problem-solving skills
- Ability to work independently, but with strong team orientation and excellent written and oral communication skills

Working Conditions and Physical Requirements

- Will require working with blood and cell lines of human and animal origin
- Will require working with hazardous materials
- 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 184RA.

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. Fate Therapeutics is headquartered in San Diego, CA. For more information, please visit www.fatetherapeutics.com.