



**Scientist, Assay Development  
Job Code 40DS**

**Company Overview**

Fate Therapeutics is an innovative biotechnology company developing novel stem cell modulators (SCMs), biologic or small molecule compounds that guide cell fate, to treat patients with very few therapeutic options. Fate Therapeutics' lead clinical candidate, ProHema, consists of pharmacologically-enhanced hematopoietic stem cells (HSCs) designed to improve HSC support during the normal course of a stem cell transplant for the treatment of patients with hematologic malignancies. The Company is also advancing a robust pipeline of human recombinant proteins, each with novel mechanisms of action, for skeletal muscle, beta-islet cell, and post-ischemic tissue regeneration. Fate Therapeutics also applies its award-winning, proprietary, induced pluripotent stem cell (iPSC) technology to offer a highly efficient platform to recapitulate human physiology for commercial scale drug discovery and therapeutic use. With support from the U.S. Army, Fate Therapeutics is also investigating therapeutic intervention strategies to regenerate cells within the inner ear that are responsible for hearing. Fate Therapeutics is headquartered in San Diego, CA, with a subsidiary in Ottawa, Canada.

**General Summary**

Fate's Technology Group is currently seeking a talented cell biologist to provide assay development to support internal discovery programs. The candidate must have extensive flow cytometry based rare cell sorting and standard molecular biology techniques (nucleic acid purification, qPCR, RT-qPCR) experience. This is a full-time position that requires hands-on research and development for multiple programs and potentially management of research associates. This position reports to the Chief Technology Officer.

**Responsibilities**

- Guide efforts to develop a semi-automated cell processing system which can be deployed across multiple sites for future clinical trials.
- Provide flow cytometry sorting expertise to support internal discovery programs.
- Develop and validate release assays for Fate's pharmacologically enhanced cord blood product for use in upcoming clinical trials.

**Qualifications**

- Ph.D. in Cell Biology, or Biochemistry, with emphasis in hematopoiesis.
- Postdoctoral experience in cell biology and assay development.
- 5 years of industrial experience developing *in vitro* and *in vivo* assays relating to hematopoietic stem cells with expertise in flow cytometry cell sorting.
- History of creative science demonstrating well organized design and execution of studies.
- Experience with budgets, developing and implementing cost-saving measures.
- Flexible and cooperative spirit with strong commitment to team efforts.
- Strong oral, written, and presentation skills.



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

- May require working with blood and cell lines of human and animal origin
- May require work with hazardous materials
- May require occasional evening and weekend work

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 curriculum vitae to: [careers@fatetherapeutics.com](mailto:careers@fatetherapeutics.com) and reference job 40DS.