



**Senior Research Associate / Research Associate III, Translational Science
Job Code 393CB**

Description:

Fate Therapeutics is seeking a motivated individual skilled in molecular biology to join a growing Translational Science team in support of the company's iPSC derived immunotherapy clinical trials. The primary functions of this role will include DNA and RNA extractions from both blood and tissue, basic PCR, clean-up of genetic material, droplet digital PCR, Nanostring expression analysis, *in situ* hybridization, immunohistochemistry, and basic handling of human cells. The successful candidate will have experience with probe-based quantitative PCR and a strong conceptual understanding of molecular biology and genetics. This is a full-time position reporting to the Associate Scientist of Translational Science and is located at our corporate headquarters in San Diego, CA.

Responsibilities:

- Perform column-based and magnetic-based extraction of DNA and RNA from both human blood and tissues
- Quantify and check quality of extracted samples via QuBit, TapeStation, and basic qPCR
- Run dual assay droplet-digital PCR in a 96-well format with precision
- Run multiplex PCR and library prep for amplicon-based sequencing
- Stain human sections via *in situ* hybridization using RNAscope technology
- Stain human sections via immunohistochemistry
- Operate automated slide scanner
- Perform hybridization and loading of Nanostring nCounter Max
- Review and analyze data for assurance of assay quality and consistency
- Provide support in document review, data entry, and data analysis
- Assist with general maintenance of the laboratory, equipment, and inventory

Qualifications:

- B.S. degree in Biological Sciences/Molecular Biology or other related field with minimum 3 years of laboratory experience in clinical or biopharmaceutical setting preferred
- Experience with qPCR of some type is a must; experience with droplet-digital PCR is strongly preferred
- Confidence in loading 96-well plates with incredible precision and accuracy
- In depth understanding of complex PCR and basic knowledge of genomic sequencing is a plus
- Experience working with human blood and blood products using sterile technique or similar cell culture experience
- Highly organized, detail oriented with excellent record keeping abilities, and strong analytical problem-solving skills
- Familiarity with a GLP, GMP, or CLIA laboratory environment is a plus

Working Conditions and Physical Requirements:

- Will require working with cells and cell lines of human and/or animal origin
- Will require working frequently in tabletop PCR hoods and occasionally cell culture hoods
- Occasional evening work will be required
- 100% on-site work at corporate headquarters in San Diego, CA



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 and reference job 393CB.

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 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 product candidates include natural killer (NK) cell and T-cell cancer immunotherapies, which are designed to synergize with well-established cancer therapies, including immune checkpoint inhibitors and monoclonal antibodies, and to target tumor-associated antigens with chimeric antigen receptors (CARs). The Company's immuno-regulatory product candidates include 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, and a myeloid-derived suppressor cell 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.