Research Associate, Cancer Immunotherapy
Job code 277DL

Description

Fate Therapeutics is currently seeking a talented and highly motivated Research Associate with a strong background in molecular biology and/or immunology to join a multidisciplinary team dedicated to the discovery of novel cellular therapeutics. The candidate's primary responsibility will be to generate lentivirus for editing and production of CAR-T cells in support of research efforts at Fate. Experience with current molecular biology techniques used for editing and engineering of hematopoietic cells is highly desired. The successful candidate will have excellent oral and written communication skills. This is a full-time position reporting to a scientist at the Company's corporate headquarters in San Diego, California.

Responsibilities

- Transfect 293T cells for virus production
- Collect, concentrate, and determine titer of lentivirus by flow cytometry or qPCR
- Optimize transfection or transduction conditions as necessary
- Coordinate procurement of healthy donor leukopaks and isolation of primary human T cells
- Use research-scale production processes to generate and bank CAR-T cells for use in various projects at Fate
- Use flow cytometry to phenotype CAR-T cells at the end of production
- Design and generate lentiviral constructs as needed
- Generate stable/clonal genetically modified cell lines for *in vitro* and *in vivo* studies
- Communicate research in cross-disciplinary team meetings

Qualifications

- Requires a B.S. degree in molecular biology, cell biology, immunology, or related discipline with 0-3 years of experience in industry or related lab/research setting.
- Experience in standard molecular biology techniques including molecular cloning, plasmid DNA isolation, transfection, lentivirus production, and transduction.
- Experience with mammalian cell culture is required.
- Experience with flow cytometry is preferred.
- Excellent creativity, technical decision-making, and trouble shooting skills
- Excellent communication and presentation skills

Working Conditions and Physical Requirements

- Will require working with 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 277DL.

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 is pioneering the development of universal, off-the-shelf cell products using its proprietary induced pluripotent stem cell (iPSC) product platform. The Company's immuno-oncology pipeline is comprised of NK cell and T-cell cancer immunotherapies, with a focus on developing universal, off-the-shelf cell products intended to synergize with checkpoint inhibitor and monoclonal antibody therapies and to target tumor-associated antigens. The Company's first iPSC-derived NK cell product candidates include FT500, which is currently being clinically investigated for the treatment of advanced solid tumors, and FT516, for which the Company is preparing to initiate clinical investigation for the treatment of certain hematologic malignancies. 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 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.