

Newton Job Posting Information

Job Title	Research Assistant or Associate in Cell Therapy
Job ID	N158
Department	Biology
EEO Category	Technician
Priority	Normal
Target Fill Date	Leave blank
Job Type	Full-Time
FSLA Status	Exempt
Compensation	Leave blank
Hiring Manager(s)	Travis Young and Karen Haggemiller
Recruiter	Barbara Garcia
Posted on TSRI Website?	Yes
Final Step: Activate and Post this Job	

The California Institute for Biomedical Research (Calibr) is a not-for profit research institute located in La Jolla, California. Calibr is focused on innovative early stage translational research in the areas of regenerative medicine, cancer biology, cardiovascular and metabolic disease, immunology and infectious disease.

Position Overview:

This position will work within of a small team of interdisciplinary scientists to translate novel cellular therapies for the treatment of cancer into human clinical trials. Specifically, this position work alongside other research scientists in the development of Calibr's novel universal, switchable CAR-T cell platform. The Research Assistants or Research Associate will play an integral role in Calibr's target discovery program which will focus on the translation of novel CAR-T strategies to solid tumors.

Essential Duties and Responsibilities:

- Cell biology including working with primary human immune cells and culturing multiple cell lines including, but not limited to, common tumor cell lines used in immuno-oncology research.
- Design and execution of project plans involving immune cell profiling, cell processing from xenograft models, cytotoxicity, proliferation, activation, cell viability, and survival assays with a strong focus on flow cytometry.
- Generation of reagents for projects including preparation of lentivirus for transduction of both established cell lines and primary immune cells.
- Molecular biology experiments including DNA and protein preparation from cells, immunoprecipitation, Western blots, etc. will be within the scope of work.
- Preparation of reports and presentation of results at regular team meetings.

Qualifications and Experience:

- A strong background in cell culture is essential.
- Hands on experience in cellular immunotherapies is strongly preferred.
- Experience and knowledge of the immune system is a required. Experience in T cell biology, tumor immunology, as well as other immune components is preferred.
- Hands-on experience with *in vitro* assays commonly used in immuno-oncology, and experience preparing reagents for *in vivo* assays.
- *In vivo* experience preferred but not required.
- Experience with multi-color flow cytometry and flow data analysis is required.
- Experience with cell transfection and transduction systems is preferred.
- Experience with molecular biology techniques is preferred.
- Experience using Prism, FlowJo, and Office software is important.

Qualifications:

- BS, BA, MA, MS, or PhD in biology, chemical biology, biochemistry or related area with 3-8 years' experience in industry. Prior postdoc experience is not required.
- Impeccable attention to detail, and excellent ability to perform hands on experiments, research, design, and organize project designs and maintain detailed documentation.
- Highly motivated, creative, and devoted to project goals.
- Able to collaborate proficiently and communicate effectively with colleagues and management teams.
- Able to contribute in a meaningful way to scientific discourse.