

Newton Job Posting Information

Job Title	Postdoctoral Fellow in Immunotherapy
Job ID	N155
Department	Biology
EEO Category	Professional
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 postdoctoral fellow will work as part of a small team of interdisciplinary scientists to translate novel cell and protein therapies for the treatment of cancer into human clinical trials. Specifically, the project will focus on the development of a next generation CAR-T cell strategies for the treatment of cancer. This opportunity is ideal for postdocs who are interested in learning the drug discovery process and who want to make an impact by being part of a small dynamic team of scientists working at the cutting edge of cellular immunotherapy.

Essential Duties and Responsibilities:

- Research, design, and execution of cutting edge programs in cellular and protein sciences.
- 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 immunology research.
- Execution of experiments 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 the 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.

- Preparation of reports and presentation of results at regular team meetings.

Qualifications and Experience:

- A strong background in cell culture is essential.
- 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:

- PhD in biology, chemical biology, biochemistry or related area. Recent PhD graduate or prior postdoctoral experience are both appropriate.
- 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.