

Senior Research Associate, Biology Silicon Therapeutics

Job Summary

We are seeking a motivated and capable individual to execute biochemical and cell based *in vitro* experiments in our new biology / chemistry laboratory. This person will work closely with biology project leaders to design and execute assays in different areas of molecular and cell biology. This is an exciting role for a scientist who is looking to build on a strong track record of rigorous research and work more independently in a fast-paced startup atmosphere. This scientist will develop and validate new assays across a range of platforms and techniques and will be an integral member of the project team. They will also work closely with the lab manager to establish good laboratory practices and SOPs for the new laboratory space including protocols for ELN, data management and compound/reagent management.

Job Responsibilities

- Work with biology project leaders to design, execute and interpret *in vitro* biochemical, biophysical and cell based assays to support drug development projects from early discovery to clinical development
- Carefully manage and document biology research workflows using ELNs
- Organize and present data to project team leaders and contribute to research publications
- Serve as an assay expert on the project teams and effectively work with others in a highly integrated, collaborative research environment

Qualifications

- B.S. / M.S. in Molecular Biology or a related biology discipline with 3+ years of industry research experience in cell based and molecular biology assay development and execution
- Extensive hands-on experience with cell culture and assays using primary immune cells to measure immune function and anti-tumor immune activity
- Experience with basic molecular biology research including molecular cloning, RT-PCR, flow cytometry, fixed and live-cell imaging, western blotting, etc.
- Experience with industry level assay QC and the use of robotics for liquid handling, automated data collection, etc
- Understanding of biological statistics and relevant statistical programs for data analysis

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