Research Associate, Biology

Position Summary

Pyxis Oncology is seeking a highly motivated, detail-oriented, proactive Research Associate to join our Biology team. The successful candidate will support the development of therapeutic antibodies designed to defeat difficult to treat cancers by testing and executing protein and cell-based immunoassays as we work toward one day getting our potential therapies to patients. The ideal candidate will be highly organized, efficient, and careful in their approach to science with excellent interpersonal skills and should enjoy collaborating as a team player in a fast-paced, exciting, ever-changing startup environment.

To apply, please email a cover letter and CV to Joan Resnicow at jresnicow@pyxisoncology.com.

Responsibilities

- Carry out protein, cell, and tissue-based mechanistic in vitro assays to support advancement of novel immunotherapies from research through to development stage.
- Perform cell culture, lentiviral transduction, tissue dissociation, and immunophenotyping.
- Execute workflows pertaining to cell and molecular biology tasks including RT-qPCR, flow cytometry analysis and cell sorting, ELISA, and Western blotting.
- Perform preliminary data analysis of experimental results and present work regularly.
- Maintain detailed laboratory notebooks and write SOPs.
- Monitor, maintain, and calibrate laboratory instruments and equipment.
- Proactively share skills and knowledge and train others on techniques and protocols.

Qualifications

- BA/BS in Immunology, Biology, Medical Technology, or a related field with at least 3+ years of relevant laboratory experience, including academic, clinical, or industrial experience; or MS with at least 1+ years of relevant experience.
- Experience with immunological and molecular techniques including multi-parameter flow cytometry, cell sorting, plate-based immunoassays such as ELISA, ELISPOT, RT-qPCR required.
- Experience and comfort with culturing primary/engineered cell lines (adherent and suspension) and with viral transductions strongly desired.
- Experience with cell-based functional assays and/or immunophenotyping strongly desired.
- Expertise in the efficient execution of highly robust, reproducible, well-documented laboratory experiments and results reporting.
- Ability to establish and troubleshoot experiments.
- Eagerness to learn and implement new assays and protocols for a variety of in vitro experiments.
- Excellent organizational and time management skills with strong attention to detail.
- Ability to thrive in a highly collaborative, fast-paced, team-oriented environment with colleagues from diverse disciplines.
- Ability to work with human and animal tissue and blood or blood products.
About Pyxis

Pyxis Oncology is an immuno-oncology company focused on developing novel therapies to help patients defeat difficult to treat cancers. Built on the ground-breaking research of Dr. Thomas Gajewski, Pyxis is pursuing promising novel targets derived from the latest insights into the tumor microenvironment. Pyxis has generated preclinical data on these targets and is developing a pipeline of novel antibodies with the potential to help new patient populations not currently served by today’s immunotherapies.