

TUMOR VACCINE GROUP

Research Scientist/Engineer 2

Job Overview

The **Tumor Vaccine Group** has an excellent opportunity for a full time **Research Scientist 2** to work on developing novel immunotherapy for breast cancer in mouse models. The candidate will perform the majority of work with minimal supervision, and will regularly exercise substantial discretion and independent judgment in developing and implementing new assays and techniques. We are seeking a highly motivated candidate who enjoys working in a fast-paced environment.

Job Responsibilities:

- Perform molecular techniques including nucleic acid isolation, PCR, real-time QPCR, and library screening;
- Perform tissue culture, transfection, protein isolation, Western blot;
- Perform murine cell isolation, flow cytometry, ELISA, ELISPOT and other immune assays;
- Assist with experimental protocols as needed;
- Maintain accurate records and documentation of the results, present data in a clear and understandable manner;
- Present research findings at laboratory meetings;
- Supervise undergraduate students;
- General lab maintenance, including preparation of reagents, ordering supplies, conduct of chemical inventory, and assure lab compliance with EH&S regulations and guidelines;
- Perform related duties as required.

Requirements:

- Bachelor of Science degree in biology, immunology, molecular biology or related field;
- A minimum of 2 years of relevant laboratory experience performing immunology, cellular, or molecular biology assays.
- Expertise with Microsoft Office applications (Word, Excel, Access, Powerpoint) and familiarity with PubMed and other common research databases.
- Excellent organizational and record keeping skills; attentive to details; and the ability to work in a team environment.

Equivalent education/experience will substitute for all minimum qualifications except when there are legal requirements, such as a license/certification/registration.

Desired:

Demonstrated experience with tissue culture, PCR, ELISA, flow cytometry, ELISPOT, and other immune assays, small animal handling experience.

Conditions of Employment:

This position requires occasional evening and weekend work to complete experiments or meet project goals.