Champions Oncology

Corporate Headquarters

One University Plaza, Suite 307

Hackensack, NJ 07601

Champions Oncology

Research Building

1330 Piccard Drive, Suite 025

Rockville, MD 2085

**TITLE AND CLASSIFICATION:** Research Associate II

**REPORTING LOCATION:** Rockville, MD

**REPORTS TO:** Scientific Team Lead, Ex Vivo

**PRIMARY OBJECTIVES:** Perform cross-functional laboratory assays with a focus on in vitro/In vivo studies. Assist in the development and execution of novel assays including collecting and processing data.

**DUTIES AND RESPONSIBILITIES**

* Mentor and guide entry level research associates in assay training and technical development.
* Contribute to the development of SOPs and assay workflows for pre-clinical assays.
* Contribute to data processing and preparation for client presentation.
* Perform basic and advanced cell culture to characterize growth and survival under treatment by client test agents through the use of 2-D and 3-D cell-based assays.
* Contribute to the development and execution of 3-D co-culture assays including primary, PDX, and immune cells.
* Efficiently plan and execute cell line scheduling for in vivo studies.
* Perform molecular biology endpoints including qRT-PCR, ELISA, Western Blot, and Luminex.
* Responsible for operating and assisting in development of high throughput automated laboratory systems including liquid handlers, dosing units, plate readers, and high content imaging equipment.
* Maintenance of laboratory and supply inventory.
* Contributes to the culture and demeanor of the ex vivo group by encouraging group cohesion and teamwork.

**KNOWLEDGE, SKILLS, AND ABILITIES**

* Expertise in cell culture and cell-based assays.
* Experience handling primary cells, tumor tissue, and various blood products including serum/plasma, whole blood, and PBMCs.
* Proficiency with one or more additional molecular biology techniques including qRT-PCR, ELISA, Western Blot, and Luminex.
* Experience with flow cytometry is preferred but not required.
* Demonstrated ability to work effectively and productively in a team-oriented environment while maintaining a strong sense of integrity and confidentiality.
* Creative problem-solving skills and the ability to exercise sound and accurate judgment in making timely decisions.
* Strong planning, organizational, computer, written and verbal communication skills.
* Demonstrated accountability, initiative, and responsibility for own work.
* Ability to observe safety and security procedures.
* Ability to assist with other tasks/duties as needed in a small company environment.

**EDUCATION AND EXPERIENCE**

* BS degree +2 years of relevant experience or MS +1 years of relevant laboratory experience required. Preferred field of study in biology, or related sciences.
* Experience working in or adjacent to an animal facility is preferred.

**PHYSICAL DEMANDS AND WORK ENVIRONMENT**

* Must be able to sit and use hands to finger, handle and feel.
* Must be able to lift and move packages weighing up to 50 pounds.
* Must be able to sit for long periods of time using a computer in a typical office environment in a multi-level facility
* Some activities require repetitive motion and reaching, pulling or pushing.
* In carrying out the duties of the job there will be frequent exposure to fumes and chemical hazards.
* Duties performed routinely require exposure to blood, body fluid and tissue.

*This job description may be changed to include new responsibilities and tasks or change existing ones as management deems necessary.*