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:** Associate Scientist, Ex Vivo, Operations

**REPORTING LOCATION:** Rockville, MD

**PRIMARY OBJECTIVES:** Perform cross-functional laboratory assays with a focus on in vitro/ex-vivo in support of in vivo studies. Co-develop new assays in collaboration with the R&D team. Engaged in departmental growth strategy with the focus on rapidly moving developmental assays into operations. The Associate Scientist in Ex Vivo, Operations, is a specialized Sr Research Associate position and will require the ability to work well under pressure and meet tight deadlines. This role will require excellent time management skills and an understanding of scientific operations to ensure timely delivery of client projects. This is an exciting opportunity to join a rapidly growing team of scientifically driven individuals with a vision of high throughput screening and automation.

**DUTIES AND RESPONSIBILITIES**

* Perform basic and advanced cell culture including culturing primary cells and characterizing their growth and survival using 2-D and 3-D cell-based assays.
* Proficiency in relevant 2-D and 3-D assay endpoints including ELISA, Luminex, flow cytometry, high content imaging and multiplex analyses.
* Assist with operational initiatives within Ex Vivo and work with client-based assays.
* Assist with assay validation and creating a pipeline toward automation.
* Assist with sample and data processing for multiple cell-based and organoid-based assays.
* Manage QA/QC for new and existing assays thus bridging the gap between development and operations.
* Engaged in strategy and growth within the Ex Vivo team.
* Provide training and mentorship to junior team members.
* Assist with laboratory and supply inventory.
* Graph and analyze data in GraphPad Prism software.

**QUALIFICATIONS AND SKILLS**

* MS + 4 years of relevant experience required. Preferred field of study in biology, or related sciences.
* Experience working in or adjacent to an animal facility is preferred.
* Expertise in cell culture and cell-based assays.
* Proficiency with one or more additional molecular biology technique including ELISA, Luminex, PCR, and Western blots.
* Experience with flow cytometry and High Content Imaging 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 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.

**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.*