



**Position: Flow Cytometry Specialist – Gene & Cell Therapy**

**Location: Worcester, MA**

**Join our team!** At Mustang Bio we are driven by people. The patients we serve and the team we are building are the driving forces behind our mission to deliver life-changing first-in-class cell and gene therapies to patients with genetic diseases and aggressive forms of cancer.

**Overview:**

We are seeking a highly motivated Flow Cytometry Specialist to join Analytical Development Quality Control team. The ADQC team is responsible for transferring methods from AD to the Quality Control Laboratory (QCL). This position will serve as a flow cytometry SME lead for the transfer of flow-based assays and will participate in writing key CMC sections of INDs. The candidate must be independent, project-oriented, timeline-driven, and able to efficiently work across multiple projects.

The Flow Cytometry Specialist will work closely with AD and QCL to enhance the understanding of theory, mechanisms, systems, and execution of in-process and lot release flow cytometry (flow) assays. This is a scientific and compliance leadership position focused on enhancing the use of flow cytometry assays and assuring flow assay development, transfer to QC, and validation results in robust GMP capable flow assays. This role may include hands-on training of QCL scientists in specific methods, troubleshooting methods, assuring methods developed by AD are robust and QCL ready, overseeing method transfers from AD to QCL, assisting AD scientists in understanding QCL requirements for flow assays at early development, and classroom training on theory mechanisms and techniques. The Flow Cytometry Specialist will work closely with AD and QCL scientists and may perform method development work, in-process assays, and lot release assays.

This position requires a high level of leadership, organization, creativity, and self-motivation to solve challenges; and offers exposure to a variety of products while contributing to the ongoing development and enhancement of the Mustang Bio quality system.

**Responsibilities:**

- Lead cross-functionally the transfer of flow cytometry analytical methods from AD to QC
- Manage transfer activities under the scheduled timeline to ensure method readiness for manufacturing and product release
- Teach and train other QC laboratory scientists in flow cytometry and other cell-based assays
- Create a framework for assuring flow cytometry assays are robust and QCL ready
- Oversee and mentor other QC laboratory scientists
- Support method development in AD
- Support release and stability testing; oversee the transfer of assays from AD and third parties to the QC Lab
- Support analytical method development for new cellular and gene therapy products
- Author and review laboratory specific processes and procedures as well as technical documents such as methods, qualification/validation protocols, reports, and CMC sections of INDs
- Participate in the investigation and resolution of Out of Specification / Out of Trend investigations

**Qualifications:**

- BS Degree in immunology, cellular and molecular biology, biological sciences, or a closely related field
- Extensive experience in developing flow cytometry assays; minimum 5 years specifically in flow cytometry
- Knowledge of qPCR, cell counting, and ELISA
- Knowledge of GMP regulations
- Excellent attention to detail, organizational skills, and ability to multi-task in a dynamic environment