



Title: Analytical Development Scientist - Cell Therapy, Immunology Cell-Based Assays

Location: Worcester, MA

Reports to: Director, Analytical Development

Overview

We seek a highly motivated Analytical Development Scientist, Cell Therapy to join our Mustang Bio team. The successful candidate will have a background in immunology and focus on the design and development of flow cytometry and cell-based methods for the characterization of cellular therapeutics, to support process development and translational/clinical development of drug products at all stages.

Specific Responsibilities

- Apply expertise in immunology, cell biology or molecular biology to analytical design and development, establish new analytical methods and standard procedures for product characterization
- Lead the technology transfer of analytical methods to QC and analytical method qualification and validation
- Support process development in the design and development of new cell and gene therapy products
- Author and review technical documents such as methods, qualification/validation protocols and reports
- Serve as an analytical subject matter expert to solve technical challenges and support laboratory investigations

About You

Education: BS with 5-10 years, MS with 3-5 years relevant industry experience, or PhD in immunology, cellular and/or molecular biology, pharmaceutical sciences, or a closely related field

Qualifications and Experience:

Extensive knowledge and hands-on experience in the following areas:

- Flow cytometry, immune cell phenotyping of immune cell subsets; experience with human immune cells is preferred.
- Designing and developing primary immune cell assays.
- Cell functional characterization assays including in vitro cytotoxicity, proliferation, and cytokine measurements.
- Molecular biology techniques, including but not limited to PCR, qPCR, cloning and western blot is preferred.
- Critical thinking, scientific reasoning and problem-solving skills.

About Us

Recent medical breakthroughs in cell and gene therapy have signaled a coming revolution in patient care for previously untreatable disease. Our multi-disciplined team at Mustang Bio is translating these breakthroughs into next-generation therapies for hematologic cancers, glioblastoma and rare genetic diseases. We expect to advance 2-3 new therapeutic candidates into the clinic annually and have



developed the manufacturing expertise required to develop and commercialize these therapies on a broad scale.

We offer the opportunity to collaborate with a world-class team of cell and gene therapy experts in developing next generation medicines in areas of high patient need.

We are an equal opportunity employer and value diversity. All employment is decided on the basis of qualifications, merit and business need. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.