



Position: Analytical Development Scientist - Cell Therapy, Flow Cytometry Assays

Location: Worcester, Boston areas

Reporting to: Director, Analytical Development

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 Scientist/Senior Scientist to join Analytical Development team at Mustang Bio. The Analytical Development team is responsible for method development to characterize viral vector and cell therapy products and to assess quality attributes. This position will serve as an integral part of a multidisciplinary team to develop flow cytometry assays to support process development, lot release and characterization. The candidate must be independent, goal oriented, and able to efficiently work across multiple projects.

Responsibilities:

- Independently develop and qualify analytical methods for release and characterize cell therapy products
- Lead analytical methods transfer in working with quality department
- Provide technical support to project teams within area of expertise and commits resources to execute specific project tasks
- Evaluate novel assay technologies and methodologies to improve existing analytical methods
- Understand project timelines and deliverables and work closely with departmental, functional and external stakeholders
- Maintain clear and complete experimental records; present findings within department and cross-functionally as necessary
- Author, review and approve documentations, including SOP and reports

Qualifications:

- Degree in immunology, cellular and molecular biology, pharmaceutical sciences or a closely related field with minimum 10+ years for BS, 8+ years for MS or 5+ years for PhD of relevant industry experience
- Extensive experience in designing, developing and qualifying analytical method with primary immune cells is required
- Extensive knowledge and hands-on experience in immune cell phenotyping with flow cytometry is required
- Experience in various analytical detections, including but not limited to qPCR/ddPCR, ELISA, luminance and fluorescence is preferred
- Passionate about working at the bench to independently troubleshoot experiments and contribute to research directions
- Excellent laboratory, computer, documentation, and organization skills
- The ideal candidate is a fast learner with strong scientific curiosity, good interpersonal skills, and attention to detail