Position: Analytical Development Scientist - Cell Therapy
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 to join our Analytical Development (AD) team. The AD 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 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 to release and characterize cell therapy products
- Lead analytical method transfer by working closely with the uality department
- Provide technical leadership to project teams within area of expertise and commit 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
- Participate in the support of analytical activities at QC and CTOs for data trending and troubleshooting

Qualifications:

- Degree in immunology, cellular and molecular biology, pharmaceutical sciences or a closely related field with minimum 8 years for BS, 5 years for MS or 2 years for PhD of relevant industry experience
- Experience in various analytical detections, including but not limited to: flow cytometry, qPCR/ddPCR, ELISA, luminance and fluorescence, for biologics, gene and/or cell therapy
- Hands-on experience in immune cell phenotyping with flow cytometry is preferred
- Passionate about working at the bench to independently troubleshoot experiments and contribute to research directions
- Excellent laboratory, computer, documentation, and organization skills
- Fast learner with strong scientific curiosity, good interpersonal skills, and attention to detail