Title: Senior/Principal Scientist, Translational Sciences
Location: Worcester
Reports to: Head, Preclinical & Translational Sciences

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 seasoned Translational Scientist to join our Preclinical and Translational Sciences group. The successful candidate will be a driven, experienced scientist who is enthusiastic about leveraging state-of-the-art techniques and developing translational strategies and assays to support the Mustang pipeline.

In this unique role, you will be at the scientific forefront of cell therapies, striving towards improving outcomes for patients with rare genetic disorders or malignancies through establishing biomarker strategies. You will contribute to preclinical and clinical programs that will help advance Mustang's growing gene therapy and adoptive T-cell therapy portfolio. The title will be commensurate with the experience.

Responsibilities:

- Serve as Translational Lead and provide leadership in designing and executing biomarker strategies for cellular therapy programs
- Apply expertise in cell biology or molecular biology to design, development, and/or validate new tools for product characterization and clinical assay data analysis
- Effectively collaborate across CMC and clinical groups, and CROs to devise and execute a biomarker plan, and coordinate related activities and timelines to ensure seamless execution of clinical studies
- Propose and develop innovative methods and technologies to support exploratory research
- Review, interpret and communicate study results to cross-functional study teams in timely manner
- Contribute to reports, data packages for regulatory submissions, scientific manuscripts, and internal and external presentations

Qualifications and Experience:

- PhD in either Cellular/Molecular Biology, Immunology, Cancer Biology, Pharmacology or a closely related field, with 4+ years of relevant post-doctoral experience
- First-hand experience with clinical trials, with thorough understanding of biomarker assay validation
- Prior experience in working with external partners is required
- Expertise in cell and gene therapies field is a plus
- Familiarity with data management and visualization tools to analyze complex data sets
- A track record of critical thinking, scientific reasoning and problem-solving skills
- Excellent technical writing and communication skills
- Detail-oriented, self-motivated and proven ability to drive research independently and as part of cross-functional teams
- Ability and desire to work in a challenging, dynamic environment under tight deadlines