



Job Title: Scientist/Senior Scientist, Translational Sciences
Location: Worcester

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:

Mustang Bio is seeking passionate scientists to join our Preclinical and Translational Sciences group, who will provide scientific expertise and project leadership in integrating translational biomarker data from multiple platforms to investigate safety, efficacy and mechanisms of action, resistance, and relapse in cell therapies. In this unique role you will be at the scientific forefront of cell therapies striving towards improving outcomes for patients with Hematological malignancies and solid tumors through in-depth product characterization and establishing biomarker strategies.

The successful candidates will contribute to both preclinical and clinical programs to advance Mustang's growing gene therapy and adoptive T-cell therapy portfolio. This position will report to the Head of Translational Sciences.

Responsibilities:

- Serve as functional lead for various translational activities on clinical cell therapy programs, and contribute to the program development
- Effectively collaborate across discovery, manufacturing and clinical groups, and CROs to devise and execute a biomarker plan, and coordinate related activities and timelines to ensure seamless execution of the clinical studies
- Provide scientific and technical support in assay development/validation and biomarker research in the context of early-stage clinical trials
- Review, interpret and communicate study results to cross functional study team, as needed
- Contribute to reports, data packages for regulatory submissions, scientific manuscripts, and internal and external presentations
- Drive the design, development, execution, and analysis for in vitro and in vivo pharmacology studies to support Mustang programs

Qualifications:

- MS with 5+ years of relevant industry experience, or PhD in immunology, cellular or molecular biology or a closely related field, with 2+ years of relevant post-doctoral experience (industry experience is preferred). Exposure to immuno-oncology clinical trials, and familiarity with hematological malignancies and solid tumor is desired
- A strong understanding of ligand binding immunoassays, cell-based functional assays, multi-dimensional flow cytometry, nucleic acid assays, or other high-throughput NGS workflow
- Experience working with primary human immune cells and their characterization
- Prior knowledge of GLP/GCLP regulations is desirable. Experience with analysis of large biological datasets is a plus
- Excellent technical writing and oral communication skills
- A track record of analytical reasoning and creative problem-solving 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