Job Title: Senior Scientist, 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.

In this highly collaborative role, the person 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 toward improving outcomes for patients with Hematological malignancies and solid tumors through in-depth product characterization and establishing biomarker strategies.

The successful candidate 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:

- Drive the design, development, execution, analysis and report writing for in vitro pharmacology studies to support Mustang programs.
- Serve as functional lead for various translational activities on clinical programs.
- Work collaboratively across discovery, manufacturing and clinical groups, external collaborators and CROs to devise a biomarker plan, and coordinate related activities and timelines to ensure seamless execution of clinical studies.
- 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.
- Provide scientific and technical support in assay development/validation and biomarker research in the context of early-stage clinical trials.

Qualifications:

- PhD in immunology/cell biology or related field, with 4+ years of relevant industry experience. Exposure to immuno-oncology clinical trials, and familiarity with hematological malignancies and solid tumor is desired.
- A strong understanding of ligand binding immunoassays, T cell functional assays, multi-parametric flow cytometry and quantitative PCR assays.
- Prior knowledge of GLP/GCLP regulations is desirable.
- Prior experience with analysis of large biological datasets is a plus.
- Excellent technical writing and oral communication skills.
- A track record of demonstrated analytical reasoning and creative problem-solving skills.
- Detail-oriented, self-motivated and demonstrated 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.