



**Title: Process Development Scientist**

**Location: Worcester, MA**

**Reports to: Director of Process Development**

## **Overview**

The successful candidate will join the Process Development group in the preparation of robust processes for various clients and their technologies including CAR-T, mRNA, and lipid nanoparticles (LNP). The PD Scientist's responsibilities will include the design and execution of process development experiments, analyzing data and presenting results for a wide range of programs. The position represents an excellent opportunity for career development, working closely with peers and senior internal and external personnel in a fast-paced and highly collaborative environment.

## **Responsibilities**

- Design, execute, and facilitate studies to understand process performance.
- Liaison between PD and manufacturing. Prepare reports and batch records that will become part of the tech transfer package to send to manufacturing.
- Assist in training manufacturing personnel on CAR-T, mRNA and LNP processes.
- Support cross-functional projects with analytical development and manufacturing stakeholders.
- Maintain organized documentation of experimental procedures, utilize lab notebooks and batch records, maintain databases.
- Evaluate new proposals for feasibility within the Process and Analytical Development groups and for eventual transfer to manufacturing.

## **About You**

Education: MS or Ph.D. Degree in Biology/Biomedical Engineering/or related scientific discipline

Qualifications and Experience:

- 5+ years of experience in Biotechnology industry, research, or academics, with at least three years in a process development role, either biologics and/or cell therapy.
- Experience in cell culture/aseptic technique required.
- Experience with CAR-T and/or HSC production and familiarity with CliniMACS, Fresenius Kabi, X-Lab, and flow cytometry instrumentation is highly preferred.
- Experience with GMP principles and working within a Quality Management System.
- Experience with Design of Experiment (DoE) software such as Jmp or Minitab a plus.

Skills and Abilities:

- Innovative thinking to solve problems and find creative solutions.
- Strong interpersonal and diplomatic skills
- Attention to detail, organizational skills, and ability to multi-task in a dynamic environment.
- Identify opportunities for process improvements and communicate appropriately.

Please submit resume and cover letter to [careers@mustangbio.com](mailto:careers@mustangbio.com).