

Process Development Scientist (CAR-T/Gene Therapy)

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.

Education & Experience:

- BS degree in Bioengineering/Biomedical Engineering or related scientific discipline
- 3+ years of experience in Biotechnology industry, research, or academics
- Skills in cell culture/aseptic techniques required
- Experience with CAR-T and/or HSC production and familiarity with CliniMACS, Fresenius Kabi, and X-Lab instrumentation a plus

Responsibilities

- Develop/aid in all in-house and incoming CAR-T/Gene Therapy processes
- Implementation of process solutions and closures
- Develop and author protocols, SOPs, and risk assessments as needed
- Analyze data using commercial software (JMP, Minitab, Excel, etc.) and communicate results to cross-functional team members (PD, manufacturing, analytics). Write clear and concise research reports.
- SME for cell and gene therapy manufacturing; train manufacturing personnel on CAR-T and Gene Therapy processes
- Support cross-functional projects with research, analytical and manufacturing stakeholders
- Participate in internal and external collaborations to evaluate and implement new process technologies to develop next generation processes as needed
- Assist in planning and execution of experiments to support unit operations, including media optimization, cell isolation, activation, expansion, formulation/fill and cryopreservation
- Maintain inventory supplies, perform lab-based activities such as cell culture and cell counting, culture maintenance, sample staining and flow cytometric analysis as required
- Training of new hires for both Manufacturing and Process Development
- Maintain organized documentation of experimental procedures, utilize lab notebooks and batch records, maintain databases.