



## Job Description

**Vital Therapies is hiring!** We are an exciting life science company located in the Carmel Mountain Ranch area of San Diego. Vital Therapies is a pioneer and recognized world leader in the treatment of acute liver failure. We are expanding our team and are currently hiring a **Process Development, Bioengineer**.

### Summary:

The PD Bioengineer will lead projects, independently designing, planning and executing experiments, to improve the C3A cell cartridge growth process on the VTL bioreactors in preparation for the BLA submission and commercialization. Additional responsibilities relate to new technology evaluation and development, technology transfer and process validation.

### Essential Duties and Responsibilities include, but are not limited to:

- Independently design and conduct experiments supporting the characterization and optimization of the C3A cell cartridge manufacturing process.
- Define, confirm and establish process requirements for successful transfer of new or enhanced processes to the GMP manufacturing facility.
- Perform statistical analysis and use results to determine critical process parameter ranges.
- Present clear and concise written and oral communications to colleagues and supervisors, lead and participate in technical meetings, and provide recommendations based on technical results.
- Draft and/or revise GMP standard operating procedures (SOPs), forms, policies, batch records, proposals, reports and investigations.
- Work cross-functionally to obtain feedback and alignment regarding projects and potential modifications to current processes.
- Collaborate with vendors to identify new materials and equipment; perform experiments to qualify new materials and equipment.
- Participate in tech transfer activities related to new or enhanced processes to the GMP manufacturing facility.

### Position Requirements:

#### Education and Experience:

- BS/MS in Life Sciences, Chemical, Mechanical, Bio-Engineering or related discipline with at least 4-6 years of experience in biotechnology.
- Experience creating designs using SolidWorks is essential. Familiarity with piping and flexible tubing drawings desired.
- Working knowledge of engineering concepts and experience in bioreactor design.
- Experience with bioreactor control software (i.e. Finesse, Delta V, Applikon, Sartorius).
- Working knowledge and experience with mammalian cell culture process development, process scale-up, technology transfer, and GMP manufacturing support.
- Understanding of GMP requirements and proficiency in aseptic technique.
- Capable of evaluating and summarizing data using analytical methodologies, interpreting results, drawing conclusions and recommending options for future experiments to achieve project goals.
- Demonstrated ability in planning, executing, and analyzing experiments with limited supervision.
- Effective and professional communication skills, written and oral, and aptitude for problem solving and technical writing.
- Excellent computer skills, proficient with Microsoft Word, Excel, PowerPoint and Visio, graphing and statistical software.
- Ability to successfully perform multiple tasks and manage changing priorities when required.

#### Physical Requirements:

Physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. Regularly required to sit and talk and hear. Employee frequently is required to use hands to finger, handle, or feel. Employee is occasionally required to stand, walk, and reach with hands and arms. Occasionally required to stoop, kneel, and lift up to 50 pounds. Frequently required to work on a computer up to 8 hours a day.

We offer a fast-paced work environment, competitive compensation, and a comprehensive benefits package. We are an Equal Opportunity Employer.

Qualified candidates may submit **resumes and salary history** to [careers@vitaltherapies.com](mailto:careers@vitaltherapies.com)