



Junior Bioprocess Scientist - New York NY

Helaina is a team brought together by the belief that health and developmental outcomes of all infants can be improved through nutritional options closest to breast milk. Our team is revolutionizing the infant nutrition space by developing a food product meant to uniquely support babies in their earliest stages. Helaina's R&D ecosystem harnesses the power of naturally-occurring biological processes in tandem with modern advances in the space of synthetic biology, fermentation, and improved industrial processing. We are a fast-paced startup looking for our next team member who is intensely passionate about advancing synthetic biology for food and beverage products.

Position

The Junior Bioprocess Scientist will provide technical and applied support to the Upstream Bioprocess team. You will provide technical expertise and scientific knowledge for design, development, optimization and production of proteins. Your primary focus will be cleaning, sterilization and operating of fixed vessel bioreactor systems for media preparation, fermentation, and harvest operation. This role will be focused on benchtop fermentation that can translate into industrial fermentation. The best candidate will understand the nuances of these processes at both small and large scale.

Primary Responsibilities

- Contribute to the development and execution of complex bioreactor experiments and tests.
 - Work with our Biochemical Engineer to execute protocols and provide experimental results for further analysis.
- Optimize high yield and scalable processes for the production of recombinant proteins.
- Perform seed train operations including dispensing of components and handling hazardous materials.
- Develop technical documentation for production to enable the seamless project and process knowledge transfer.
- Support efforts to drive operational excellence, leveraging data to identify improvement opportunities and ensuring implementation of well-engineered solutions.
- Ordering supplies and improving whatever fermentation platform we have on site.
- Works in a team environment, including frequent inter-organizational.

Minimum Qualifications

- Bachelors or Master's Degree in Engineering field, Bioprocessing, or Scientific field in chemistry, biology or biochemistry with a minimum of 5 years work experience.
- Experience with the setup and operation of lab-scale controlled bioreactor for medium and high density fed-batch reactions.
- Knowledge and experience with the design and testing of growth medium formulations.
- Able to apply scientific training to solve manufacturing and operational issues.
- Energetic, creative, and personally motivated by the future of food and/or biological products.
- Effective communicator, both within a collaborative scientific team and in communicating science to non-technical audiences.
- Extensive knowledge of engineering and scientific principles, theories, & concepts.
- Experience working at a biomanufacturing or fermentation facility is a plus.

Helaina is an Equal Opportunity Employer

Please contact Laura Katz for more information - laura@myhelaina.com