



## **Research Associate, Fermentation**

We are seeking a Research Associate, Fermentation to support the commercialization of biobased processes. The Associate will join a small, dedicated team responsible for validating strain performance at bench scale. Successful candidates will have previous experience in microbial fermentation and will be able to quickly learn new concepts that are specific to support our technology and approach.

### **Responsibilities**

- Preparation and operation of bench-scale fermentation processes, including process setup, culture sampling and analysis, and product harvesting
- Preparation of reagents and materials including media, buffers, and stock solutions
- Managing and coordinating complex experimental schedules within a broader team
- Maintaining, analyzing, and reporting on data to the larger team
- Troubleshooting and improving processes
- Maintaining safe practices and work environment

### **Qualifications**

We prefer candidates with technical training in chemical engineering or molecular biology and previous experience in a laboratory setting. Demonstrated experience in statistical analyses, Design of Experiments (DoE), and manipulation of large data sets preferred. In addition, we prefer candidates with experience in the following areas:

- B.S. degree in chemical engineering, molecular biology, or related field with 2+ years related experience.
- Direct, hands-on experience with bench scale microbial fermentation
- Direct, hands-on experience with aseptic technique and bench scale bioprocessing
- Direct experience in statistical analyses and Design of Experiments (DoE)
- Previous experience programming in Python or similar
- Quantitative, data-driven analysis of experimental results and an analytical mind-set
- Experience in following, drafting, and revising detailed SOPs and protocols
- Capability to manage multiple work-flows and experiments within a single day
- Ability to effectively work in cross-disciplinary teams
- Must be a self-starter, motivated, scientifically curious, and collaborative
- Flexible schedule including occasional evenings and weekends

Interested parties should sent cover letter and resume to: [matt@dmcbio.com](mailto:matt@dmcbio.com)