

Job Description – Phycus Fermentation Technician or Operator

Phycus seeks a Fermentation Technician/Operator for our demonstration scale fermentation facility. In this position, you will use good manufacturing practices (GMP) to operate all stages of the fermentation process including media prep, fermentation, harvesting, ultrafiltration, precipitation and final purification. You will work with a small, dedicated team responsible for validating our process and microbial strain performance, enabling us to prepare for the commercial scale deployment of our technology. Successful candidates will have some previous experience in a bacterial fermentation. You will have an opportunity to participate in product team meetings and be closely involved with the company's leadership.

ESSENTIAL FUNCTIONS

1. Setup, operate, and monitor microbial fermentation processes from start to finish. Assist/coach other operators during operation.
2. Follow established processes and procedures to ensure consistency in operations and quality assurance standards, and to ensure that production demands are met.
3. Perform routine laboratory analysis, including preparation and running of analytical samples on HPLC, gas chromatography, etc.
4. Set up, operate, maintain, and clean machinery including mixing equipment, pumping systems, separation equipment and laboratory analytical equipment.
5. Maintain a clean and safe work area. Address and, when necessary, report safety/cleanliness issues immediately.
6. Adjust and troubleshoot equipment as necessary to maintain and meet production requirements (i.e. pumps, valves, piping, etc.). Identify when equipment needs to be repaired and either perform repairs when reasonable or work with technicians to do so.
7. Measure and prepare raw materials to be used in production processes and batch materials into production vessels.
8. Understand differences between acceptable and unacceptable product and data quality. Regularly report fermentation data in a clear, concise, and meaningful way.
9. Work with others to investigate process non-conformance and identify manufacturing and quality deficiencies.

Education: BAsC in Chemical Engineering Fermentation Technologist degree/diploma/certificate; Chemical engineering technologist degree/diploma/certificate ; BSc in microbiology with fermentation experience

Work status: Full time

Location: Sydney, Nova Scotia

Reporting: Direct to CEO

Contact: Send CV and cover letter to verschurencentre@cbu.ca by **November 30,2020**