

# Assistant Fermentation Scientist

## Position Posting

The role of the Assistant Fermentation Scientist supports a broad range of functions in the Smallfood lab and pilot plant. Although an entry level position, the Assistant Fermentation Scientist will rapidly become familiarized with a broad range of activities related to algal cell culture and downstream processing.

The primary responsibilities of this role are:

### **Revenue 70%**

- Support the development of new and novel processes related to algal cell culture and downstream processing
- Support the transition of bench scale fermentations to pilot scale and production scale
- Assist in downstream process operations
- Preparation of various medium components
- Conducting aseptic culture procedures
- Cleaning and assembly of fermentation equipment
- Monitoring cell cultures
- Harvesting algae cells
- Prepping and use of downstream processing equipment.
- Preparing effective email updates, reports and procedures appropriate for a wide audience
- Prepare technical documents to support the Sales and Marketing team

### **Infrastructure 30%**

- Prepare and optimize Standard Operating Procedures for laboratory and pilot plant
- Support the development and optimization of fermentation SOPs



- Participate in the preparation of documents for intellectual property filings and funding opportunities

Requirements for the role:

- Undergraduate degree with an emphasis in one or more of the following disciplines: Microbiology, biochemistry, chemistry, cell biology or related field.

To be a fit for the role you must:

- be a fast learner
- have the ability and desire to think and work independently
- be able to improvise and adapt to regularly changing work flows and tasks
- have excellent attention to detail
- be passionate about scientific inquiry and sustainable food production
- be passionate about being part of a purpose led business that prioritizes the health of people and planet

Position Details:

Reports to Chief Science Officer

Located in our Smallfood facility in Woodside, Nova Scotia.

Given the nature of algal cell production and processing, procedures regularly require non-standard hours, therefore the ability to work irregular schedules including overnights and weekends is mandatory. Typical hours for this role are 2pm to 10pm, Monday to Friday.

Competitive pay, health benefits.