

Role Profile

Job Title: Biologics Production Manager
Department: MBio
Reports To: Chief Scientific Officer
Ref: Ref-264, V1 – 10 Mar 2023

Introduction & Role Overview

With operations in two continents Monaghan is one of the world's largest mushroom producers. MBio is a business unit of Monaghan which houses the innovation capability of the Group. The mushroom is a bio-economy superhero and Monaghan firmly positions sustainability and climate impact as a strategic focus for the Group. As Monaghan is vertically integrated the range of innovation extends from compost production right through to mushroom harvesting and waste valorisation. This role is pivotal to achieve the Group's longer term vision to ultimately set the next sustainable benchmark of mushroom production.

MBio are looking for a bright minded, pro-active Biologics Production Manager to join our team. Reporting to the Chief Scientific Officer, the Biologics Production Manager will coordinate microbiological and media production and sourcing activities for MBio's customers. Applicants must have strong practical microbiological expertise and hands on experience on managing pilot scale fermentation for supply.

Role Deliverables

The deliverables of the Biologics Production Manager role include:

- Management of a team of technicians
- Coordination of all fermentation activities (upstream and downstream), including troubleshooting
- Coordination of all media preparation activities to meet supply demands.
- Manage process optimisation and technology transfer to toll manufacturers
- Managing the sourcing and supply of outsourced microbiological agents
- Managing H&S activities, including preparation of COSHH and risk assessment forms
- Management of inventory and building supplier relationships, including with toll manufacturers
- Management of QMS system to ISO standard
- Management of internal and external laboratory audits, including performance of root cause analysis and close out of non-conformances
- Building upon existing and developing new customer relationships
- Managing budgets and billing activities
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As nature never stops flexibility will be an important feature of this role.

This is not an exhaustive list and is subject to change and amendment.

Competencies to perform the role

This role requires the successful candidate to:

- Have a passionate belief in sustainability
- Teamwork: a strong ability to build effective teams within the MBio and broader Monaghan Group

- Communication: Must have excellent interpersonal and presentation skills
- Can do attitude: Must have a 'can do' entrepreneurial attitude with a focus on 'doing the right stuff' and 'getting stuff done'!
- Growth: A thirst to learn, grow and keep in touch with innovation within the wider industry
- Organisation: Highly efficient administration, detail focussed and exacting on time
- Research standards: conduct research according to the general principles of good research based on honesty, cooperation and responsibility on accurate data acquisition and storage and managing appropriately any conflicts of interest
- Foster external network to stay on the cutting edge of science and to support project success

Experience and Qualifications

Qualifications

- Possess an MSc in Microbiology or related plus 2+ years of industrial experience in pilot scale bacterial, yeast and fungal fermentation
- Or**
- Possess BSc in Microbiology or related and 5+ years of industrial experience in pilot scale bacterial, yeast and fungal fermentation

Experience

- A proven track record in coordinating pilot scale fermentation activities
- Direct experience in laboratory and people management
- Direct experience in managing customer relationships
- Possess excellent computer skills including databases, excel, word and statistical packages
- Possess excellent communication skills (both written and verbal), excellent interpersonal and presentation skills as well as being team focused
- Proven record of attention to detail and work with a sense of urgency yet have the ability to be impartial and objective

Other significant role requirements

- Hands on experience of Fermentation (Bacterial, yeast and fungal), gained within an industrial or commercial setting
- Strong microbiology skills
- Practical experience in the use of bench-top and pilot scale bioreactors, with experience in process optimisation
- Good communication and documentation skills
- Experience in working with SOPs and an understanding of lab quality management
- Experience in working with sub contracted suppliers of microbiological materials
- Strong focus on quality control and procedures for consistent material release
- Ability to troubleshoot issues and think outside the box
- A team player who is used to working in a dynamic and fast-paced environment

Performing the role in line with the Monaghan Cultural Values:

1. We do the right thing: We use this philosophy to drive every aspect of our business, from product, to process to people
2. Forward Thinking: We think ahead and we think for the long term
3. Down to Earth: We understand the importance of communicating our discoveries in a straightforward way
4. Inspiring: We seek out new ways to excite and inspire each other

5. Egalitarian: We have always been grounded in the belief that everyone is equal. That everyone deserves an equal chance to speak, be heard and make an impact