

## Role Profile

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**Job Title:** Principal Scientist- Microbiology  
**Department:** Mbio  
**Reports To:** Chief Scientific Officer  
**Ref:** Ref-276, V1 – 01 Sep 23 #IJ

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### Background

With operations in two continents Monaghan Mushrooms is one of the world's largest mushroom producers. MBio is a business unit of Monaghan Mushrooms which houses the innovation capability of 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.

### The Role

The Principal Scientist is a key role within the R&D team at MBio. Reporting to the Chief Scientific Officer, the Principal Scientist will coordinate both microbiology research and analytical activities that support the next generation of sustainable mushroom production.

MBio are looking for a bright minded, pro-active person to join our team. Applicants must have strong practical microbiological expertise and experience in managing analytical laboratories.

### Role Deliverables

The deliverables of the Principal Scientist role include:

- Project management of microbiology research projects from concept to completion
- Coordination of all microbiological activities, including management of microbiology research projects and microbiology analytics
- Microbiology team management.
- Development and validation of microbiological and/ or chemical methods to International Standards
- Collection and management of microbiological isolates in biobank
- Development of technical reports and presentation of data to team members and other stakeholders, including company executives;
- Managing routine laboratory activities, such as chemical/ consumables ordering, preparing COSHH and risk assessment forms.
- Management of QMS system to ISO standards
- Management of internal and external laboratory audits, including close out of non-conformances
- Managing budgets and billing activities

As nature never stops flexibility will be an important feature of this role.

### ***Competencies to perform the role:***

- A passionate belief in sustainability;
- Teamwork: a strong ability to build effective teams within the MBio and broader Monaghan Group;
- Management of a team of microbiologists
- 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 a PhD in Microbiology or related and 2 + years of industrial experience;  
***Or***
- Possess an MSc in Microbiology or related plus 4+ years of industrial experience.

#### Experience

- A proven track record in coordinating microbiological activities;
- Experience in working in and accredited analytical laboratory
- Experience and training in QMS management and internal auditing
- Direct experience in laboratory and people management;
- 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

- As trialling can take place on multiple sites across the group, a full driving licence and access to own vehicle is required for this role.

### **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

**Employee Signature** \_\_\_\_\_ **Date** \_\_\_\_\_