



## R and D Team

Applications are invited from suitably qualified candidates for two positions, available from June 2021.

### **Job Description:**

These R and D positions are available to provide support for studies on the mitigation of methane emissions from Irish Agriculture. GlasPort Bio is developing new feed additive and manure management technologies that have shown excellent potential in lab trials. *In vivo* trials in sheep, and farm-scale slurry management trials are now underway with our academic and industry partners.

The postholders will carry out research on laboratory-scale anaerobic fermentation systems with our partners at NUI Galway. They will also work with Teagasc and our industry our project partners to support field trials. Tasks may include collection and management of gas samples, rumen fluids, effluents, maintenance of fermentation systems and ordering/goods receipt. The successful candidates will be expected to prepare and deliver oral and written reports, and to attend and participate in meetings, as part of the overall work programme.

### **Duties:**

#### **Research**

- Actively participate as a member of the research team working to develop novel slurry additive and feed technologies.
- Provide assistance in conducting research activities, including planning, organizing, conducting, and communicating research studies within the overall scope of the research project.
- Coordinate and perform a variety of independent tasks and team activities involved in the collection, analysis, documentation and some interpretation of information/results.
- Present information on research progress and outcomes to others responsible for the research and development programme

#### **Write up & Disseminate**

- Write up results from own research activity (e.g. as project report) for review, including preparing technical reports, conclusions and recommendations.
- Contribute to the publication of findings.
- Provide input into dissemination of outcomes (e.g. report, papers, chapters, book).
- Attend and contribute to relevant meetings/conferences.

#### **Management**

- Keep appropriate records in line with company policy.
- Manage personal research/project resources appropriately e.g. coordinate the provision of consumable items for the project within budget (auditing stock, liaising with suppliers, preparing regular orders of commonly used items).
- Plan and manage own day-to-day research activity & under direction of senior management.
- To perform other related duties incidental to the work.





**Other**

- Continue to update knowledge and develop skills.

**Qualifications/Skills required:**

***Essential Requirements:***

- An honours BSc degree or equivalent in Microbiology, Environmental Science or Engineering or cognate subject. A higher degree is desirable but not essential depending on other experience.
- Experience of experimental methods relevant to environmental biotechnology
- Knowledge or experience of methanogenic systems – either ruminant or fermentation bioreactors
- Excellent written and spoken English communication skills

***Desirable Requirements:***

- Full, clean driving license
- Relevant industrial or agricultural experience

Competitive salary contingent on qualifications and experience. Informal enquiries may be made to Dr. Ruairi Friel ([Ruairi@glasportbio.com](mailto:Ruairi@glasportbio.com))

**To Apply:**

Please submit a cover letter, CV (Word or PDF format only) and the names and addresses of three referees via e-mail to Dr. Ruairi Friel: [Ruairi@glasportbio.com](mailto:Ruairi@glasportbio.com).

Closing date: **Friday 25<sup>th</sup> June**