

Candidate Information

Position:	Research Fellow in Microbiology
School/Department:	School of Biological Sciences
Reference:	19/107286
Closing Date:	Wednesday 10 April 2019
Salary:	£33,199 per annum
Anticipated Interview Date:	Tuesday 30 April 2019
Duration:	12 months

JOB PURPOSE:

To take a leading role in developing a novel sporicidal product in association with commercial partners. The successful candidate will be responsible for the planning and delivery of the research activity so that the overall research objectives of the project are met.

MAJOR DUTIES:

1. Develop and undertake research under supervision within a specific research project as a member of a research team.
2. Design, develop and refine experiments in order to obtain reliable data.
3. Carry out analyses, critical evaluations, and interpretations using methodologies and other techniques appropriate to area of research.
4. Present regular progress reports on research to members of the research group and to the commercial partners.
5. Carry out routine administrative tasks associated with the research project to ensure that project is completed on time and within budget. These might include organisation of project meetings and documentation, financial control, risk assessment of research activities.
6. Read academic papers, journals and textbooks to keep abreast of developments in own specialism and related disciplines.

Planning and Organising:

1. Plan for specific aspects of research programmes and contribute to research group planning.
2. Plan for the use of research resources, and laboratories and workshops.
3. Plan own day-to day activity within framework of the agreed research programme.
4. Plan in advance to meet deadlines for reports, and to prepare presentations for partner meetings.
5. Coordinate and liaise with other members of the research group over work progress.

Resource Management Responsibilities:

1. Ensure research resources are used in an effective and efficient manner.
2. Provide guidance as required to support staff and any students who may be assisting with research.

Internal and External Relationships:

1. Liaise on a regular basis with colleagues and students.
2. Build internal contacts and participate in internal networks for the exchange of information and to form relationships for future collaboration.
3. Liaise with commercial partners to share information and ideas.
4. Contribute to the School's outreach programme by establishing links with local community groups, industries etc.

ESSENTIAL CRITERIA:

1. Have, or be about to obtain, a PhD in Microbiology, Parasitology, Pharmacy or related research area.

2. Three years recent relevant research experience to include:
 - Working with pathogenic microorganisms and/or parasites
 - Working with biofilms
 - Testing of natural product antimicrobials
3. Ability to manage own research project including working to deadlines and being accountable for deliverables.
4. Sufficient breadth and depth of specialist knowledge in the discipline and of research methods and techniques to work within established research programme.
5. Ability to communicate complex information clearly.
6. Ability to build contacts and participate in internal and external networks.
7. Demonstrable intellectual ability.
8. Ability to assess and organise resources.
9. Good time management skills and ability to interact effectively with a diverse body of colleagues.
10. Must be prepared to travel and undertake work with collaborators based in UK/Europe

DESIRABLE CRITERIA:

1. Experience of culturing anaerobic microorganisms
2. Product formulation
3. Good verbal and written English skills.
4. Good and enthusiastic team worker.