

## Candidate Information

**Position:** Research Fellow  
**School/Department:** School of Biological Sciences  
**Reference:** 25/112806  
**Closing Date:** Monday 15 September 2025  
**Salary:** £41,519 per annum  
**Anticipated Interview Date:** Thursday 25 September 2025  
**Duration:** 3 years

### JOB PURPOSE:

To be an active member of the School of Biological Sciences, by assisting in the development of research proposals and the planning and delivery of research activity within the Understanding Health and Disease Theme, specifically within Parasitology.

### MAJOR DUTIES:

1. Undertake project-specific research activities such as development of study protocols, such as utilising medium throughout assays with yeast.
2. Develop and plan an area of personal research and expertise, and/or undertake research under supervision within a specific research project or as a member of a research team.
3. Design, develop and refine experimental methodologies in order to obtain reliable data.
4. Carry out analyses, critical evaluations, and interpretations using methodologies and other techniques appropriate to the area of research.
5. Present regular progress reports on research to members of the research group or to external audiences to disseminate and publicise research findings. This will include written and oral formats.
6. Prepare, in consultation with supervisors, material for publication in national and international journals and presentations at international conferences.
7. Assist in the preparation of future funding proposals and applications to external bodies.
8. Carry out routine administrative tasks associated with the research project/s to ensure that project/s are completed on time and within budget. These might include organisation of project meetings and documentation, financial control, risk assessment of research activities.
9. Supervision of Research Assistant(s) associated with this and other projects.
10. Carry out occasional undergraduate and postgraduate supervision, demonstrating or lecturing duties within the post holder's area of expertise and under the direct guidance of a member of academic staff.
11. Read academic papers, journals and textbooks to keep abreast of developments in own specialism and related disciplines.

### ESSENTIAL CRITERIA:

1. BSc in Biochemistry/Molecular Biology, Biology or relevant life sciences subject.
2. \*Have or about to obtain a PhD in a relevant area of parasitology, molecular biology/biochemistry or similar (\*must be obtained within 3 months of commencement of employment)
3. Substantial recent relevant research experience in developing parasitology (helminth) methods and in conducting sample analysis. OR; Substantial relevant research experience in state-of-the-art molecular microbiology (preferably yeast).
4. Practical experience in processing, recording and handling data, and performing statistical analysis.
5. Relevant experience in molecular/cellular methods such as PCR, cloning and genetic transformation and/or flow cytometry.
6. Bioinformatic skills, such as homology searching or comparative genomics.
7. Ability to contribute to broader management and administrative processes.
8. Methodical approach to project management and meticulous in regard to experimental procedures and record keeping.
9. Sufficient breadth and depth of specialist knowledge in the discipline and of research methods and techniques to work within established and developing research programmes.

10. Competent in giving effective and informative oral and poster presentations.
11. Ability to communicate complex information clearly.
12. Ability to build contacts and participate in internal and external networks.
13. Strong ability to work from own initiative and to work independently within the context of a research team.
14. Commitment to high quality research.
15. Demonstrable intellectual ability.
16. Ability to assess and organise resources.
17. Irregular hours including evening, weekend and other out-of-hours work may be a component of the research at times.

**DESIRABLE CRITERIA:**

1. Experience in helminth biology AND microbiology.
2. Cell sorting experience.
3. Yeast library construction.
4. Functional genomics for helminths.
5. Contribute to the School's outreach programme by links with industry, community groups etc.
6. Evidence of having presented their research at conferences (poster and oral presentations).
7. Willing to travel to national and international meetings and collaborative laboratories as required on an ad-hoc basis.

**ADDITIONAL INFORMATION:**

Informal Enquiries to [Mark.Robsinon@qub.ac.uk](mailto:Mark.Robsinon@qub.ac.uk)