



## Candidate Information

<b>Position:</b>	Senior Research Fellow
<b>School/Department:</b>	School of Medicine, Dentistry and Biomedical Sciences
<b>Reference:</b>	24/112136
<b>Closing Date:</b>	Monday 2 September 2024
<b>Salary:</b>	£49,054 per annum
<b>Anticipated Interview Date:</b>	Monday 16 September 2024
<b>Duration:</b>	1 year

### JOB PURPOSE:

We are seeking a highly motivated individual to provide specialist expertise to lead the establishment, development, and delivery of the Queen's University Medicines Accelerator (QuMED) programme. QuMED is a new initiative established to support the development of early-stage drug discovery research projects originating at Queen's University Belfast (QUB). The successful candidate will be committed to a career in drug discovery and work with QuMED stakeholders to run specific drug discovery projects. The postholder will be responsible for a team of several researchers and managing a substantial research budget. The postholder will be based in the Patrick G Johnston Centre for Cancer Research (PGJCCR) but will work across Queen's supporting QuMED funded activities. This post is available up to March 2026 in the first instance.

### MAJOR DUTIES:

#### Teaching:

1. Contribute to the work of the School through teaching and associated tasks within own research specialism.
2. Supervise undergraduate and post graduate students when necessary.

#### Research:

1. Develop the research activities of QuMED by sustaining a personal research plan to include managing and undertaking research activities in accordance with QuMED objectives.
2. Lead the further development of QuMED.
3. Lead selection of QuMED research projects.
4. Coordinate calls for applications to QuMED and act as point of contact for QuMED related queries.
5. Sustain high-quality research by publishing in refereed journals and presenting at conferences.
6. Direct, coach and develop research staff, where appropriate.
7. Assist in the development and management of new intellectual property.
8. Develop research proposals and funding bids in collaboration with others.
9. Supervise, with other academic staff, PhD students during their research programmes and other students undertaking project/dissertation work as appropriate to discipline.
10. Work alongside and manage the QuMED lab team on a day-to-day basis to ensure that experiments are appropriately prioritised and results are generated and analysed in a timely manner.
11. Set targets to ensure research projects entering QuMED have clear plan and resources to deliver a clearly defined data package for next level funding.
12. Develop and implement appropriately detailed project plans for the research projects selected into QuMED, identifying key milestones, dependencies and resources required to ensure successful delivery and implementation.
13. Manage budgets and resources associated with QuMED including monitoring, controlling and reprofiling expenditure against the overall project budget.
14. Provide financial reports to programme leads or other committees/managers as required.
15. Monitor project progress against plans, adjusting, as necessary, to ensure successful delivery of key activities and objectives on time, within budget and of the standard/quality required.
16. Build relationships with project leads, internal contributors, and external partners to ensure effective communication and progress between stakeholders.

17. Ensure all project documentation is maintained and updated as necessary.
18. Manage and coordinate relevant project communication including production of reports for stakeholders, ensuring the timely production of reports on progress and metrics required by the funders, the project team, and external partners.
19. Lead development of applications for follow-on funding; for example to DPFS and other UKRI funding streams.

**Administration/Contribution to the Community:**

1. Contribute to the School's outreach strategy by developing external links.
2. Develop links with relevant research groups, industries and external bodies to encourage technology transfer opportunities and create opportunities for future research projects.
3. Carry out designated administrative duties.

**ESSENTIAL CRITERIA:**

1. Primary degree and a PhD in Biomedical Science or a related area.
2. Significant relevant research experience to include drug discovery projects.
3. Relevant knowledge of procurement/finance policies and procedures.
4. Experience of working with external funding bodies and project partners.
5. Experience in producing reports and presentations for internal and external stakeholders.
6. Recent, relevant publications in peer reviewed/refereed journals that are recognised internationally as being high quality, commensurate with experience.
7. Research profile which complements the priorities of the project.
8. Experience of laboratory supervision of undergraduate and postgraduate (masters and PhD) students.
9. Experience delivering lectures.
10. Experience in student assessment.
11. Experience of planning, monitoring, and delivering milestone driven projects on time and within budget.
12. Experience of working with multi-disciplinary teams, including contract research organisations and industrial partners to coordinate research activities to ensure the successful delivery of research plans.
13. Experience of developing and maintaining project plans, schedules, resources, and budgets.
14. Experience of controlling budgets and resources and an understanding of financial procedures within a university.
15. Specialist knowledge of drug discovery research projects.
16. Proven ability to coordinate project activities, allocate resources and meet deadlines.
17. Logical and methodical approach to work; detail orientated.
18. Ability to be a productive member of a multi-disciplinary team.
19. Team leadership skills, with the ability to communicate goals, and engage, motivate colleagues, and achieve buy-in to deliver common objectives.
20. Computer literate with knowledge of computer-based databases systems.
21. Good oral and written communication skills, including the production of high-quality reports and documentation for senior management and external stakeholders.
22. Evidence of writing reports and funding applications, preparing, and giving talks and presentations in a variety of contexts.
23. Ability to understand and present complex scientific information to a range of audiences.
24. Ability to bring a positive, creative, and flexible approach to resolving problems.
25. Willing to work flexibly to meet the requirements of the post.

**DESIRABLE CRITERIA:**

1. Substantial relevant project management experience in collaborative academic/industrial drug discovery projects and a professional project management qualification; for example, Prince2.
2. Proven experience of running joint academic/industrial collaborative drug discovery research projects.
3. Experience of developing and implementing drug screening assays.
4. Experience in cancer research.
5. Experience in understanding therapy response and resistance.

**ADDITIONAL INFORMATION:**

Informal enquiries may be directed to Katrina Lappin at: [K.Lappin@qub.ac.uk](mailto:K.Lappin@qub.ac.uk)