



Candidate Information

Position:	Research Assistant
School/Department:	Patrick G Johnston Centre for Cancer Research
Reference:	23/111102
Closing Date:	Monday 7 August 2023
Salary:	£30,619 - £32,411 per annum
Anticipated Interview Date:	Friday 18 August 2023
Duration:	Fixed term for 12 months

JOB PURPOSE:

To be an active member of the research project/team assisting in the planning and delivery of research activity within a specified area so that the overall research objectives of the project are met.

To undertake and deliver of research activities with dry-lab based investigations aiming to investigate prognostic/predictive biomarkers in colorectal cancer.

The project will involve the analysis of tissues microarray for protein/mRNA markers, correlation with other genetic biomarkers and survival of colorectal cancer patients, using material of pan-EU study. This is a well delineated project involving writing up of data in manuscript at end of the project.

The research assistant will work as part of an interdisciplinary, cross border team in collaboration with Paris Descartes (Paris).

MAJOR DUTIES:

1. Analyse expression levels of the receptor tyrosine kinase cMET (cMET and MET DDISH, ISH) in colorectal cancer tissue microarrays.
2. Use software packages to correlate above with existing clinical, survival, molecular, genetic data.
3. Maintain accurate experimental records, both written and electronic.
4. Present regular progress reports on research to members of the research group and to external audiences to disseminate and publicise research findings.
5. Write up results of own work and contribute to the production of the publication.
6. Carry out routine administrative duties as requested.
7. Read academic papers, journals and textbooks to keep abreast of new and novel developments.
8. Comply with Health and Safety procedures affecting self and others and ensure the Work area is clean and safe at all times.
9. Carry out any other duties designated by a line manager and which fall within the general ambit of the post.
10. Contribute to the supervision of junior members of the team, including undergraduates and to make an active contribution to developing the profile of the research group.
11. Assist in any way deemed appropriate to the overall success of the research objectives of the group and the PGJCCR.

ESSENTIAL CRITERIA:

1. Degree or equivalent in subject relevant to research activity, e.g. cancer biology, pathology.
2. Relevant laboratory experience (e.g. molecular biology, pathology).
3. Experience in good laboratory practice (GLP) environment.
4. Sufficient breadth or depth of specialist knowledge in the discipline and of research methods and techniques to work within CRC research.
5. Ability to teach laboratory techniques to new staff members and students.
6. Excellent record keeping skills to facilitate internal auditing and external reporting.
7. Clarity of thinking and ability to address a variety of research topics.

8. Good team working skills.
9. Organisation and planning skills, with excellent attention to detail.
10. Excellent record keeping skills.
11. Ability to interact with research colleagues and support staff.
12. Good communication and interpersonal skills.
13. Ability to analyse and communicate effectively.
14. Demonstrable intellectual ability.
15. Work as part of a team and as an individual.
16. Ability to plan, schedule and respond to changing priorities within a research environment.
17. Must demonstrate a willingness to commit for the length of the project.

DESIRABLE CRITERIA:

1. May be working towards a PhD or post graduate qualification.
2. Analysis biomarkers in tissue samples.
3. Knowledge of relevant health and safety issues and of COSHH regulations.
4. Ability to make presentations at conferences.
5. Willingness and enthusiasm to develop and maintain productive relationships with lab members and collaborators.