



Candidate Information

Position:	Technician
School/Department:	Patrick G Johnston Centre for Cancer Research
Reference:	22/110449
Closing Date:	Monday 9 January 2023
Salary:	£22,662 per annum
Anticipated Interview Date:	Thursday 19 January 2023
Duration:	Available until 30 April 2023

JOB PURPOSE:

To undertake specialist technical and analytical duties for the diagnostics and clinical research activities of the Precision Medicine Centre of Excellence (PMC).

Carrying out experimental and analytical molecular diagnostics as well as tissue based hybridisation investigations and Digital Pathology evaluations.

To provide support and perform core laboratory activities for the validation and standardisation of novel procedures, techniques and tests. To assist in training of new staff members and visitors.

MAJOR DUTIES:

1. Processing clinical samples and perform core and technical, analytical and diagnostic services, including but not limited to DNA/RNA extraction, sample preparation for NGS, tissue preparation ahead of testing, immunohistochemistry and in situ hybridisation technologies, as well as digital pathology support.
2. Responsible for receipt and checking of samples against request forms and data entry.
3. Perform genomic analytical procedures, and immunohistochemistry and in situ hybridization tests in line with Standard Operating Procedures and local policies.
4. Monitoring quality control of all the investigations performed and carry out analyses on a range of tests performed, liaising with senior staff to provide remedial action.
5. Undertake core laboratory tasks such as preparation of solutions, storage of reagents and chemicals and appropriate waste disposal duties.
6. Perform the receipt of all samples types for genomics and tissue pathology, as well as the scanning of glass slides in order to maintain a high quality digital pathology archive and provide technical support internally and externally to digital pathology users as required.
7. Ensure knowledge of all instrumentation and responsible for maintenance of the equipment.
8. Ensure that work is carried out in line with Standing Operational Procedures and local policies.
9. Document competency for all tasks undertaken, in line with laboratory policy.
10. Maintain stock levels and records to ensure there is adequate stock at all times for the area.
11. Maintain accurate records as required by UKAS and other regulatory bodies.
12. Comply with Health and Safety procedures affecting self and others.
13. Work within a clinical team to ensure delivery of high-quality and accurate outputs.
14. Participate in continuous professional development through appropriate training and annual appraisal.
15. Carry out any other duties which are appropriate to the post as may be reasonably requested by Supervisor.

ESSENTIAL CRITERIA:

1. *An academic and/or vocational qualifications at OND/ONC or NVQ level 3 and above in a relevant subject (or equivalent) for example a relevant qualification in Applied Science or relevant health science subject (Biomedical Science, Immunology, Molecular Biology, Genetics, Biochemistry).

2. *2 years relevant post graduate/work experience within a laboratory environment that includes clinical specimen processing.
3. An awareness of UKAS ISO151 standards.
4. Able to understand and follow SOPs.
5. Technical knowledge in own specific or technical specialism.
6. Working knowledge of relevant systems, equipment and processes.
7. Good communication and interpersonal skills.
8. Ability to develop and demonstrate standard equipment and techniques.
9. Problem solving skills.
10. Ability to provide standard guidance and advice to colleagues/students.
11. To participate in appropriate rotas as required, outside normal working hours.

DESIRABLE CRITERIA:

1. *BSc Degree in a relevant area.
2. *Evidence of training related to specific technical or scientific area relevant to the post.
3. *Experience in 1 or more of the following:
 - Cellular or molecular pathology department or other relevant experience.
 - Working with cancer samples.
 - Working with IHC, or other hybridisation technologies - Slide scanning / Digital Pathology.(The University reserves its right to enhance this criteria).
4. Awareness of clinical significance of laboratory findings and implications for patients.