



## Candidate Information

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| <b>Position:</b>                   | Laboratory Research Technician  |
| <b>School/Department:</b>          | Centre for Cancer Research and Cell Biology   |
| <b>Reference:</b>                  | 19/107229   |
| <b>Closing Date:</b>               | Wednesday 10 April 2019   |
| <b>Salary:</b>                     | £27,831 - £32,236 per annum (potential to progress to £35,210 per annum through sustained exceptional contribution) |
| <b>Anticipated Interview Date:</b> | Wednesday 1 May 2019  |
| <b>Duration:</b>                   | 3 years   |

### JOB PURPOSE:

To manage the research work area so that an effective and efficient technical service is provided to the Principle Investigator.

### MAJOR DUTIES:

1. Ensure high standards are maintained in the quality of work produced and in the efficient operation of molecular and cell biology equipment such as cell culture, centrifuges, electrophoresis
2. Consult with academic and research staff regarding planning and development of work and provide assistance to them in the use, maintenance and upkeep of equipment.
3. Provide specialist technical advice and training to staff and research students in the relevant techniques, drawing upon considerable depth of knowledge, skills, experience and expertise in the area of molecular and cellular biology.
4. Prepare materials and set up equipment for complex experiment based on specialist technical knowledge and expertise.
5. Contribute to and make recommendations on the development of new or improved methods/techniques.
6. Carry out analysis of information, data and/or calculations identifying issues which require to be addressed.
7. Contribute to writing grant applications, manuscripts, and reports.
8. Liaise with key stakeholders such as funding bodies and collaborators, both internal and external.
9. Actively participate in Research Group meetings through presentations, reports and discussion.
10. Ensure maintenance of current and future stock requirements of equipment/apparatus for own work area.
11. Supervise junior technical staff, research staff and research students to ensure work is carried out safely and efficiently.
12. Diagnose and rectify faults and problems with equipment and procedures.
13. Monitor and maintain a safe working environment in accordance with Health and Safety procedures.
14. Maintain records and oversee budget accounting of materials, stocks and equipment to monitor and control finances.
15. Carry out any other duties which are appropriate to the post as may be reasonably be requested by Supervisor.

### Planning and Organising:

1. Plan and allocate work and responsibilities using discretion to determine priorities and resolve conflicts to meet targets and deadlines..

### Resource Management Responsibilities:

1. Oversee the use and maintenance of expensive and complex machinery.
2. Take delegated responsibility for budgets/resources by following established procedures.
3. On the job training of students and staff in use of equipment and techniques in own area of expertise.
4. Supervise a team of technical staff. (if appropriate).

### Internal and External Relationships:

1. Daily contact with Supervisor, work colleagues, University staff and students.
2. Regular liaison with external contacts.

**ESSENTIAL CRITERIA:**

1. Academic and/or vocational qualifications i.e. HND/HNC and/or NVQ level 4 in relevant subject (or equivalent)
2. 4 years relevant work experience in molecular and cell biology to include: mammalian cell culture, western blotting, PCR/RT-PCR
3. Experience of laboratory management.
4. Experience of report and manuscript writing.
5. Experience of training of staff and students in use of equipment and techniques in area of expertise.
6. Comprehensive technical knowledge and experience in the area of molecular and cell biology.
7. Well developed understanding of relevant regulations and procedures including Health and Safety requirements.
8. Skills in managing budgets/resources.
9. Supervisory skills.
10. Well developed communication skills.
11. Ability to plan and allocate work and responsibilities using discretion to determine priorities and resolve conflicts to meet targets and deadlines.

**DESIRABLE CRITERIA:**

1. Experience in bioinformatics, Northern blotting, cancer cell biology, mouse models of cancer
2. Hold an animal licence