

## **Candidate Information**

**Position:** Research Assistant  
**School/Department:** Centre for Cancer Research and Cell Biology  
**Reference:** 18/107006  
**Closing Date:** Thursday 3 January 2019  
**Salary:** £27,831 - £32,236 per annum (potential to progress to £35,210 per annum through sustained exceptional contribution)  
**Anticipated Interview Date:** Monday 21 January 2019  
**Duration:** Available until 31 January 2020

### **JOB PURPOSE:**

To contribute to ongoing studies within the molecular and digital pathology laboratories within the Centre for Cancer Research & Cell Biology, aimed at (i) developing immune-oncology biomarker studies in tissues and (ii) supporting the digital pathology programme using a variety of platforms.

### **MAJOR DUTIES:**

1. To undertake and support staff and students in the use of image analysis and other instrumentation that will be used within the cellular biomarker research programme across a wide variety of tissue biomarker analysis projects.
2. To assist in the management and handling of large data sets.
3. To present progress reports to the team and supervisor regularly as well as external audiences.
4. Assist PhD, Masters and Undergraduate students within the molecular pathology programme.
5. Ensure that the Digital Pathology group comply with good clinical practice, good laboratory practice, ethical, governance and regulatory guidelines in the delivery of a busy digital pathology research programme.
6. To perform troubleshooting for staff and students in relation to digital pathology.
7. Comply with health and safety procedures affecting self and others and ensure the work area is clean and safe at all times.
8. Read academic papers, journals and textbooks to keep abreast of developments.
9. Carry out any other duties designated by a line manager and which fall within the general ambit of the post.

### **Planning and Organising:**

1. Plan own day-to-day activity within the framework of the agreed research programme.
2. Contribute to the planning of research projects, reports and publications etc usually 1-6 months in advance.

### **Resource Management Responsibilities:**

1. Ensure research resources are used in an effective and efficient manner.
2. Provide guidance as required to support staff and any students who may be assisting with research.

### **Internal and External Relationships:**

1. Provide guidance as required to support staff and any students who may be assisting with research.
2. Make internal and external contacts to develop knowledge and understanding and form relationships for future collaboration
3. Attend and contribute to relevant meetings.

### **ESSENTIAL CRITERIA:**

1. Hold a BSc degree in biology, biomedical sciences, medical laboratory sciences or related subject.
2. At least one years laboratory or relevant work experience.
3. Good laboratory practice.
4. IT skills and knowledge of clinical and research databases.

5. Sufficient breadth or depth of specialist knowledge in the discipline and of research methods and techniques to work within own area.
6. Sufficient breadth or depth of specialist knowledge in the discipline and of research methods and techniques to work within own area.
7. Be capable of using own initiative.
8. Ability to work in a team and as an individual.
9. Ability to plan own work schedule responding to new pressures and adjusting priorities.
10. Organised and attentive to detail and ability to meet deadlines.
11. Organised and attentive to detail and ability to meet deadlines.
12. Must be willing to work irregular hours when necessary for the progress of the research project.
13. Must be willing and able to travel to national and international meetings.

**DESIRABLE CRITERIA:**

1. Have or be about to obtain a MSc or PhD in a related subject.
2. Experience in microscopy and digital imaging.
3. Experience with tissue hybridisation technologies.
4. Experience working with cancer samples and data.
5. Experience of image analysis.
6. Evidence of peer review publication, commensurate with the level of experience.
7. Evidence of presentation at national or international conferences (poster and/or oral).