



Candidate Information

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| Position: | Research Assistant |
| School/Department: | Patrick G Johnston Centre for Cancer Research |
| Reference: | 22/110566 |
| Closing Date: | Monday 6 February 2023 |
| Salary: | £29,619 - £34,308 per annum |
| Anticipated Interview Date: | Thursday 2 March 2023 |
| Duration: | Fixed term until 29 November 2023 |

JOB PURPOSE:

To contribute to ongoing studies of urological cancers.

MAJOR DUTIES:

1. Use in vitro cell and tissue models to identify the role of ion channel and GPCR signalling.
2. To perform other molecular and physiological assays as required.
3. To support ongoing clinical samples research as necessary.
4. To present progress reports to the team and supervisor regularly.
5. Participate in laboratory duty rotas and to maintain consumable stocks and perform troubleshooting.
6. To supervise laboratory work of postgraduate and undergraduate students.
7. To comply with health and safety procedures affecting self and others and ensure the work area is clean, organised and safe at all times.

ESSENTIAL CRITERIA:

1. BSc in Biomedical Sciences, Physiology, Pharmacology or a closely related area.
2. At least one year of relevant laboratory experience (e.g. molecular biology, physiology).
3. Experience with cell culture.
4. Experience with molecular techniques e.g. PCR, Western blot, immunofluorescence.
5. Experience in live cell imaging and/or electrophysiology.
6. Demonstrable experience of good laboratory practice.
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. Good communication and interpersonal skills.
12. Be capable of using own initiative.
13. Ability to work and communicate clearly in a team and as an individual.
14. Ability to plan own work schedule and meet deadlines, responding to new pressures and adjusting priorities.
15. Must be willing to work irregular hours when necessary for the progress of the research project.
16. Must be willing and able to travel to national and international meetings.
17. Must demonstrate a willingness to commit for the length of the project.

DESIRABLE CRITERIA:

1. Current personal licence for in vivo work.
2. MSc in Biomedical Sciences, Physiology, Pharmacology or a closely related area.
3. Experience in tissue dissection.
4. Experience in flow cytometry.
5. Ability to make presentations at conferences.