



Candidate Information

Position:	Research Assistant
School/Department:	Wellcome-Wolfson Inst for Experimental Medicine
Reference:	22/109856
Closing Date:	Monday 27 June 2022
Salary:	£28,756 per annum
Anticipated Interview Date:	Friday 8 July 2022
Duration:	Fixed term for 12 months or until 31 August 2023, whichever is soonest

JOB PURPOSE:

To join the B cell biology research team led by Dr Dessi Malinova in the Wellcome-Wolfson Institute for Experimental Medicine. We study cell biology processes leading to antigen presentation and strong antibody responses. This project will investigate a newly-described ubiquitin ligase involved in this process and its role in B cell lymphoma development. The post is funded by Leukaemia and Lymphoma NI and suited to an ambitious, productive and collaborative individual.

MAJOR DUTIES:

1. To be actively involved in the existing research programme as directed by the supervisor and to ensure adequate planning and progression of the investigation so that the overall research objectives for the project are met.
2. Design and perform experiments in B cell lines, including techniques such as flow cytometry, western blot, microscopy, proteomics.
3. Carry out appropriate analysis and write up results of own work.
4. Present regular progress reports on research to members of the research group or to external audiences to disseminate and publicise research findings.
5. Contribute to the production of research reports, publications and proposals.
6. Carry out undergraduate supervision/demonstrating/teaching duties under the guidance of academic staff.
7. Carry out routine administrative duties as requested to ensure milestones are completed on time and within budget, e.g. arranging research group meetings, finances and risk assessments of research activities, maintaining research group website.

ESSENTIAL CRITERIA:

1. Degree in immunology, cell biology, biochemistry, molecular biology or other relevant biomedical science.
2. Recent hands-on experience of at least two of the following:
 - Cell culture
 - Genetic modification e.g. CRISPR/ Cas9
 - Fluorescence microscopy
 - Assays investigating cell signalling (e.g. western blot, flow cytometry)
 - Protein work (e.g. mass spectrometry, co-immunoprecipitation).
3. Meticulous in regard to experimental procedures and record keeping.
4. Competent in maintaining knowledge of cutting-edge in the field.
5. Ability to interact with research colleagues and support staff.
6. Ability to communicate research clearly.
7. Competent in giving informative oral and poster presentations.
8. Demonstrable intellectual ability.
9. Ambitious, motivated, efficient and organised.
10. Open to working irregular hours; travel for national/ international meetings may be required.

DESIRABLE CRITERIA:

1. Has or is working towards PhD or other postgraduate qualification.

2. Knowledge of antigen presentation, endocytosis or basic B cell biology and signalling.
3. Original research publications in peer-reviewed journals commensurate with career stage.
4. Experience in teaching/ supervising students in the lab.
5. Experience of managing a research project.
6. Up-to-date knowledge of B cell signalling and relevant assays and technologies.
7. Experience of scientific/ research presentations or interaction with external stakeholders e.g. charities.
8. Evidence of problem solving skills.