RESEARCHER JOB DETAILS

Institute for Cell and Molecular Biosciences

Research Associate/Assistant in Proteomics of Ubiquitin-like Modifiers

Grade: F Vacancy Ref: A70490R

Main Duties and Responsibilities

1) Develop and carry out the specified project using appropriate techniques and equipment as outlined in the personal requirements.
2) Plan and carry out independent original research encompassing:
    i) Investigations leading to the discovery of new knowledge
    ii) Analysing data, interpreting and bringing new insights
3) Initiate or participate in inter-disciplinary collaborations as agreed with supervisor.
4) Provide guidance, where necessary, to other staff and students including possible supervision of PhD and undergraduate project students as agreed with supervisor.
5) Present research findings as posters and oral presentations at conferences.
6) Write up research findings for publication and dissemination.

Research Role Profile

As part of our commitment to career development for research staff, the University has developed 4 levels of research role profiles. These profiles set out firstly the generic competences and responsibilities expected of role holders at each level and secondly the general qualifications and experiences needed for entry at a particular level. It is unlikely that any single member of staff will be applying all these competences at any one time but he or she would be expected to display most of them over a period of time.

Please follow this link to our Research Role Profiles

Person Specification

Knowledge (inc. qualifications)

Essential

- Degree in chemistry, biology, biochemistry or a related area.
- Possession of a PhD (or imminent submission of thesis for Assistant level) in chemistry, biochemistry or a related field.
- A strong research background in proteomics and mass spectrometry.

Skills (professional, technical, managerial, practical)

Essential

- Experience with proteomics workflows and data analysis.
- Strong statistical knowledge for proteomics data.
- Hands-on experience with mass spectrometers.

Desirable

- Working experience with proteomics analysis post-translational modifications.
- Experience with Orbitrap technology.
- Experience of biochemical and cell biological methods such as western blotting, microscopy.
- Experience with macrophages or other innate immune cells.
- Experience with cell signalling.
- Experience of presenting research work at scientific meetings.
- Ability to contribute to writing publications.

Experience and Achievements (paid or unpaid)

Essential

- At least one first-author publication in a recognised peer-reviewed journal (published or submitted)

Other

Essential

- Applicants should be ambitious with a demonstrable drive to succeed and produce work at the highest level.
- Ability to work independently and as part of a team.
- Capacity for original thought.
- Willingness to take on extra responsibilities, such as the day to day supervision of PhD and undergraduate project students.

For full details about this vacancy and essential information on how to apply, visit our Job Vacancies web page at http://www.ncl.ac.uk/vacancies/