

THE UNIVERSITY OF MANCHESTER
PARTICULARS OF APPOINTMENT
FACULTY OF BIOLOGY, MEDICINE & HEALTH
SCHOOL OF BIOLOGICAL SCIENCES
DIVISION OF CELL MATRIX BIOLOGY AND REGENERATIVE MEDICINE
RESEARCH ASSISTANT - ADHESION SIGNALLING TO THE NUCLEAR MEMBRANE
VACANCY REF: BMH-029283

Salary: Grade 5 £31,637 per annum
Hours: Full time (1 FTE)
Duration: Fixed term for 12 months
Location: Oxford Road, Manchester

Enquiries about the vacancy, shortlisting and interviews:

Name: Professor Martin Humphries

Email: martin.humphries@manchester.ac.uk

Overall Purpose of the Job

To carry out research aimed at defining how extracellular rigidity links to the nuclear membrane.

Key Responsibilities, Accountabilities or Duties:

The range of duties will include:

- Conduct individual and collaborative research projects.
- Develop and employ new research techniques and methods.
- Write up research work for publication.
- Continually update knowledge and understanding in field or specialism.
- Use creativity to analyse and interpret research data and draw conclusions on the outcomes.
- Plan and manage own research activity in collaboration with others.
- Deal with routine communication using a range of media.
- Communicate complex information, orally, in writing and electronically.
- Collaborate with academic colleagues on areas of shared research interest.

- Manage own research and administrative activities, with guidance if required.
- Attend and contribute to relevant meetings.
- Contribute to collaborative decision making with colleagues in areas of research.
- Use research resources, laboratories and workshops as appropriate.
- Balance with help the competing pressures of research and administrative demands and deadlines.
- Be aware of the risks in the work environment and their potential impact on their own work and that of others.

Person Specification

Essential Knowledge, Skills and Experience

- Have a relevant MSc/MSci degree
- An understanding of cell adhesion signalling
- Experience in research methods and techniques, including protein biochemistry and cell culture.
- Excellent communication and interpersonal skills
- Excellent time management and organisational skills
- Ability to work independently and as part of a team, and to provide leadership and mentoring to early career researchers
- Ability to liaise confidently and effectively with a range of individuals
- Flexible approach to dealing with research problems as they arise
- Willingness to learn and develop
- Ability to present in both written and oral publications
- Ability to meet deadlines

Desirable Knowledge, Skills, Experience and Qualifications

- Experience in mass spectrometry and bioinformatics is desirable