



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Research Assistant, Faculty of Medicine and Health



Salary: Grade 6 (£27,511– £32,817 p.a.)

Reference: MHLCM1198

Fixed term from 1 October 2019 until 28 February 2021.

Closing date: 25 September 2019

Interviews will be held on 27 September 2019

Research Assistant

Faculty of Medicine and Health

Leeds Institute of Cardiovascular & Metabolic Medicine

Are you an early career researcher looking for your first challenge? Do you have a background in blood coagulation? Do you want to further your career in one of the UK's leading research intensive Universities?

You will be working in a team, under the supervision of senior staff. This post will be primarily contributing towards the binding of small molecules to protein using surface plasmon resonance with a Pioneer system.

In addition, the post holder may contribute towards characterisation of small molecules and how they interfere in blood clot formation and fibrinolysis using a varied number of purified, plasma and whole blood based methodologies, including thrombin generation techniques, fibrin clot formation and lysis including turbidimetric assays, laser scanning confocal microscopy, scanning electron microscopy, and platelet function. You will be a member of a multidisciplinary team working towards novel drug discovery.

What does the role entail?

As Research Assistant your main duties will include:

- Writing reports, undertaking literature reviews and preparing papers for publication, with guidance as necessary;
- Working both independently and as part of a larger team of researchers and stakeholders;
- Supporting research activities, including contributing to research results and outputs and to the generation of independent and original ideas, ensuring a successful programme of investigation;
- Conducting interviews, collating and analysing data;
- Participating in the research group and presenting research output where appropriate;
- Contributing to the research culture of the School, where appropriate;
- Continually updating your knowledge, understanding and skills in the research field.



These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.

You will report to Professor Helen Philippou, Leading drug discovery programmes; Anti-thrombotics with minimal risk.

What will you bring to the role?

As Research Assistant you will have:

- A first degree/Masters/PhD in the subject area of biochemistry or a closely allied discipline;
- A strong background in surface plasmon resonance is required and understanding of blood clotting and platelets is beneficial, as well kinetic enzyme characterisation and characterisation of plasma and whole blood for blood coagulation, clot formation and/or fibrinolysis. Ideally the candidate will have in-depth knowledge of the complement and the contact pathway of coagulation and how they interact with inflammatory pathways;
- Good interpersonal and communication skills, both written and verbal and the ability to communicate effectively with a wide range of stakeholders;
- Well-developed analytical skills;
- Good time management and planning skills, with the ability to meet tight deadlines;
- A proven ability to work well both individually and in a team;
- The ability to work unsupervised and to use your own initiative.

How to apply

You can apply for this role online; more guidance can be found on our [How to Apply](#) information page. Applications should be submitted by **23.59** (UK time) on the advertised closing date.

Contact information

To explore the post further or for any queries you may have, please contact:

Professor Helen Philippou



Tel: +44 (0)113 343 7768

Email: H.Philippou@leeds.ac.uk

Additional information

Find out more about the [Faculty of Medicine and Health](#)

Find out more about [Leeds Institute of Cardiovascular and Metabolic Medicine \(LICAMM\)](#).

Find out more about [Athena Swan](#) in the Faculty.

Working at Leeds

Find out more about the benefits of working at the University and what it is like to live and work in the Leeds area on our [Working at Leeds](#) information page.

Candidates with disabilities

Information for candidates with disabilities, impairments or health conditions, including requesting alternative formats, can be found on our [Accessibility](#) information page or by getting in touch with us at disclosure@leeds.ac.uk.

Criminal record information

Rehabilitation of Offenders Act 1974

A criminal record check is not required for this position, however, all applicants will be required to declare if they have any 'unspent' criminal offences, including those pending.

Any offer of appointment will be in accordance with our Criminal Records policy. You can find out more about required checks and declarations in our [Criminal Records information](#).

