



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Research Fellow in Thrombosis, Faculty of Medicine and Health



Salary: Grade 7 (£33,797 – £40,322 p.a.) A maximum of £36,914p.a. can be offered due to funding restrictions.

Reference: MHLCM1204

Closing date: 29 November 2019

Fixed-term until 31st December 2023

Research Fellow in Thrombosis

Faculty of Medicine and Health, School of Medicine

Leeds Institute of Cardiovascular and Metabolic Medicine,

Discovery and Translational Science Department

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

We are seeking a motivated and enthusiastic researcher to work on a British Heart Foundation funded programme grant aimed at investigating the role of fibrin clot structure in thrombosis. The research programme involves recombinant expression of blood protein fibrinogen, followed by investigation of fibrin clot structure and function using a wide variety of molecular and biophysical experimental approaches. You will be based within the Thrombosis Collective in the Department of Discovery and Translational Science and work together with a dynamic and productive multidisciplinary research team.

With a PhD in biophysics (or passed PhD with minor corrections at the point of application) in biophysics or a closely allied discipline and a strong background in biophysical research on a relevant biological polymer you will work effectively within the team and have excellent inter-personal and organisational skills. You will preferably have a strong background in thrombosis or related research.

What does the role entail?

As Research Fellow your main duties will include:

- Working with and in support of Prof Ariëns' BHF programme grant to ensure the programme is successfully completed;
- Generating and pursuing original research ideas in the appropriate subject area;
- Developing research objectives and proposals and contributing to setting the direction of the research project and team including, where appropriate, preparing proposals for funding in collaboration with colleagues;
- Evaluating methods and techniques used and results obtained by other researchers and to relate such evaluations appropriately to your own work;



- Communicating or presenting research results through publication or other recognised forms of output;
- Preparing papers for publication in leading international journals and independently writing reports;
- Working both independently and also as part of a larger team of researchers, engaging in knowledge-transfer activities where appropriate and feasible;
- Maintaining your own continuing professional development and acting as a mentor to less experienced colleagues as appropriate;
- Contributing to the research culture of the School, where appropriate;
- Contributing to the training of both undergraduate and postgraduate students, where appropriate, including assisting with the supervision of projects in areas relevant to the project.

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 directly to Robert Ariëns, Professor of Vascular Biology and Head of Department.

What will you bring to the role?

As Research Fellow you will have:

- A first degree and PhD (or passed PhD with minor corrections at the point of application) in biophysics or a closely allied discipline;
- A strong background in biophysical analysis of biological polymers;
- Demonstrated experience of conducting research;
- Proven ability to write to the standard required for research reports/ international publications;
- Good time management and planning skills, with the ability to meet tight deadlines and work effectively under pressure;
- Excellent written and verbal communication skills including presentation skills and the ability to communicate effectively with a wide range of stakeholders;
- Proven ability to manage competing demands effectively, responsibly and without close support;



- A proven ability to work well both individually and in a team;
- A strong commitment to your own continuous professional development.

You may also have:

- Track record of publications in high impact peer-reviewed journals;
- A strong background in biophysical research on fibrin or another comparable biological polymer;
- Experience with MATLAB
- Experience with LabVIEW and integration with Real-Time Module
- Expertise in Atomic Force Microscopy and spectroscopy;
- Expertise in micro-rheology;
- Expertise in electron and/or confocal microscopy.

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 Robert Ariëns

Tel: +44 (0)113 343 7734

Email: r.a.s.ariens@leeds.ac.uk

Additional information

Find out more about the Discovery and Translational Science Department. [DTSD](#)

Find out more about Thrombosis research at Leeds. [Thrombosis](#)



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

Find out more about the [School of Medicine](#)

Find out more about our Faculty initiatives. [Faculty of Medicine and Health](#)

Find out more about our Research and associated facilities. ([Cardiovascular research](#))

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 page.

