



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Research Fellow, Leeds Institute of Medical Research, Faculty of
Medicine and Health



Salary: Grade 7 (£33,797 – £40,322 p.a.)

Reference: MHLMR1009

Closing date: 6 March 2020

Fixed-term for 3 years

We are happy to consider job share applications and are committed to flexible working for all our employees.

Research Fellow

Leeds Institute of Medical Research at St James's Division of Haematology and Immunology

Are you an ambitious researcher looking for your next challenge? Do you want your research to have a direct impact on the identification of disease mechanisms and the development of new treatments? Do you have a background in molecular and cellular biology? Do you want to further your career in one of the UK's leading research intensive Universities?

You will pursue a project aimed at identifying the molecular mechanisms that lead to the pathogenesis of the aggressive B-cell malignancy mantle cell lymphoma. This project builds from our previous work that has identified the mechanisms of transcription factors that are often erroneously activated in B-cell tumours due to genetic mutations in the tumour-precursor cells.

The project will aim to understand the oncogenic function of these transcription factors in the pathogenesis of mantle cell lymphoma, and to identify new molecular targets for the treatment of this tumour. This is the most critical step towards the realization of precision medicine in the treatment of this currently incurable malignancy. You will make use of a large spectrum of techniques, including in vitro assay systems, RNA-interference and CRISPR/Cas9-mediated manipulation of cell lines, flow cytometry and genomics approaches.

You should have, or be about to obtain, a PhD in a biological science or a closely allied discipline with a strong background in molecular and cellular biology. You will use your initiative to creatively identify areas for research and extend the research portfolio of the project and group. As you will work closely, interactively and collaboratively with our project team, you will need excellent communication skills.

What does the role entail?

As Research Fellow your main duties will include:

- Working with and in support of Prof Klein's research grant to ensure the project 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 to Professor Ulf Klein, Professor of Immunology and Haemato-oncology.

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 a biological science or a closely allied discipline;
- A strong background in immunology, haematology or cancer research;
- Demonstrated experience of conducting research;
- Experience in the genetic manipulation of cell lines using retroviral/lentiviral transduction;
- Experience with automated flow cytometry platforms;
- Experience in molecular and cellular biology and biochemistry (including cell culture, qRT-PCR, gene expression analysis and protein analysis);



- 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:

- A track record of successful, high quality, publications on project-related topics;
- Experience in the generation and analysis of genomic data, including expression profiling (microarray, RNA-sequencing, ChIP-sequencing).

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 Ulf Klein, Professor of Immunology and Haemato-oncology

Email: U.P.Klein@leeds.ac.uk

Additional information

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

Find out more about [Leeds Institute of Medical Research](#). The institute and its facilities are predominantly based on the [St James's University](#)



[Hospitals Campus](#) although some team are also located on the [University of Leeds' main campus](#).

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.

