



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Research Fellow in Molecular Nutrition, School of Food Science and Nutrition



Salary: Grade 7 (£37,099 – £44,263 p.a.)

(Due to funding limitations, the appointment will be made no higher than £37,099 p.a.)

Reference: ENVFS1079

Fixed-term for 24 months from 1st November 2023

We will consider job share/flexible working arrangements

Research Fellow in Molecular Nutrition

School of Food Science and Nutrition

Faculty of Environment

Are you an ambitious researcher looking for your next challenge? Do you have a background in molecular/cell biology and bioinformatics? Do you want to further your career in one of the UK's leading research intensive universities?

You will make a significant contribution to work being carried out to advance the understanding of molecular nutrition in the context of breast cancer. Working within a research team led by Dr James Thorne and supported by funding from the World Cancer Research Fund, you will show initiative in learning, refining and developing relevant experimental techniques, generating ideas, proposing hypotheses and solving practical and intellectual problems.

You will have a PhD and post-doctoral experience in a molecular biology related discipline, a strong background in molecular and cell biology, with coding experience. You will also have a positive approach to collaborative research and the drive to make a significant contribution to this area of research.

What does the role entail?

As a Research Fellow your main duties will include:

- Designing, performing, and analysis of cell and molecular biology experiments in line with the grant objectives;
- Analysing novel and published transcriptomic datasets at the command line;
- Evaluating methods and techniques used and results obtained by other researchers and to relate such evaluations appropriately to your own work;
- Developing your own career interests and demonstrating independence by proposing hypotheses and experiments that align to but extend the theme of the research grant;
- Preparing papers for publication in leading international journals and disseminating research results at national and international conferences;
- Working both independently and also as part of a larger team of researchers;



- Contributing to the training of both undergraduate and postgraduate students, including assisting with the supervision of projects in areas relevant to the project;
- Continually updating your knowledge, understanding and skills in the research field in which you work;
- Contributing to, and encouraging, a safe working environment.

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.

What will you bring to the role?

As a Research Fellow you will have:

- A PhD in the field of molecular/cell biology or a related discipline;
- Experience of working under ethical approval with human tissue;
- Demonstrated ability to make reliable measurements in vitro;
- Demonstrated ability to analyse transcriptomic datasets at the command line;
- The ability to design, execute and write up research independently, to the standard required for international publications;
- A proven track record of peer-reviewed publications in high impact factor journals;
- Excellent communication skills, both written and verbal and the ability to communicate your research at national and international conferences;
- Good time management and planning skills, manage competing demands and work effectively under pressure without close support.
- A proven ability to work well both individually and in a team;

You may also have:

- Experience in molecular/cell biology assays such as qPCR, Western Blot, MTT, FACS, confocal, etc;
- Experience in collecting, processing, or analysing, human blood samples;
- Experience in quantifying blood lipids.



How to apply

You can apply for this role online; more guidance can be found on our [How to Apply](#) information. 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:

Dr James Thorne, Associate Professor of Nutrition and Epigenetics

Tel: +44 (0)113 343 0684

Email: j.l.thorne@leeds.ac.uk

Additional information

Find out more about the [Faculty of Environment](#).

Find out more about the [School of Food Science and Nutrition](#)

A diverse workforce

The Faculty of Environment is proud to have been awarded the [Athena SWAN Silver Award](#) from the Equality Challenge Unit, the national body that promotes equality in the higher education sector. Our [equality and inclusion webpage](#) provides more information.

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.

