



Job Title: Research Technician

Grade: 5

Salary: £25,138 - £29,605 per annum, (pro rata if part time)

Department: Cardiovascular Sciences

Hours/Contract: Full-time, or job share considered, fixed term contract for 1 year with possibility of extension subject to further funding

Job Family: Technical and Experimental

Reference: 9760

Role Purpose

The IgA Nephropathy Research Group are seeking a highly skilled Laboratory Technician with **extensive** experience in performing Enzyme Linked Immunosorbent Assays (ELISAs) to join our research team. This individual will play a crucial role in supporting research projects and ensuring the smooth operation of the laboratory.

The role also involves presenting data to the research team and collaborators. Therefore, the ideal candidate will have excellent communication skills.

Main Duties and Responsibilities

- Carry out in house and commercial Enzyme linked immunosorbent assays (ELISAs), record and analyse the results.
- Optimise antibodies and perform immunohistochemistry staining of kidney tissues.
- Perform molecular biology techniques, e.g. PCR, western blot on serum and tissue samples as required.
- Collect experimental results accurately for presentation e.g. via powerpoint presentations to the research team and our collaborators and discussion with the supervisor and ultimately help to prepare the data (with guidance from the supervisor) for publication.
- Provide analysis and interpretation of results obtained from ELISAs, and other immunoassays for discussion with supervisor and subsequent publication in scientific journals.
- Develop and validate new ELISAs for immune complexes and serum biomarkers as identified through collaboration with the project/research lead to maintain the Department’s position in a competitive research environment.
- Responsibility for ‘house-keeping’ duties within the designated laboratories, including but not limited to application of COSHH and other safety requirements.
- Requisition and procurement of consumables to maintain stock levels. Collection and distribution of deliveries and materials.

Internal and External Relationships

- Daily contact with research group members at all levels in the execution of general support duties.





- Daily contact with other core technicians over maintenance of shared facilities, ordering, storage, safety, reorganisation and training.
- Regular contact with research supervisors to review and plan research activity.
- Regular contact with other research groups, University research departments, e.g., to coordinate
- chemical disposal, repair/set up equipment.
- Regular contact with external collaborators including industry partners.
- Occasional contact with external suppliers for information, quotations and delivery for the procurement of new equipment and consumables, and ongoing servicing.

Planning and Organising

Plan own laboratory and other activities to agreed deadlines.

Requisition supplies to meet the requirements of the laboratories and facilities to ensure adequate stock levels at all times.

Where relevant, record use of facilities from booking system for use in reports for cost recovery from relevant research grants.

Liaise with users and coordinate facility closure for essential service, cleaning and maintenance of equipment.

Qualifications, Knowledge and Experience

Essential

- Technical or scientific education to ONC or NVQ3 level*
- Proven experience in performing Enzyme linked immunosorbent assays (ELISAs) and working with clinical samples*
- Knowledge of computer software for data analysis and production of graphs, such as GraphPad Prism, Microsoft Excel and PowerPoint.
- Well-developed understanding of Health and Safety regulations and procedures

Desirable

- Degree in a relevant science*

Skills, Abilities and Competencies

Essential

- Ability to work independently and as part of a team.
- Strong organisational skills.
- Ability to work flexibly
- Ability to plan, organise and deliver a program of work





- Excellent interpersonal skills
- Ability to work accurately and with a high attention to detail

***Criteria to be used in shortlisting candidates for interview**

Criminal Declaration

If you become an employee, you must inform your manager immediately, in writing, if you are the subject of any current or future police investigations/legal proceedings, which could result in a criminal offence, conviction, caution, bind-over or charges, or warnings.

Supporting University Activities

As a University of Leicester citizen, you are expected to support key university activities such as clearing, graduation ceremonies, student registration and recruitment open days. We expect all staff as citizens to work flexibly across the University if required.

University Values

Inclusive - We are diverse in our makeup and united in ambition. Our diversity is our strength and makes our community stronger.

Inspiring - We are passionate about inspiring individuals to succeed and realise their ambitions. We challenge our community to think differently, to get involved, and to constantly embrace new ideas.

Impactful - As Citizens of Change we will generate new ideas which deliver impact and empower our community

Equity and Diversity

We believe that equity, diversity and inclusion is integral to a successful modern workplace. By developing and implementing policies and systems that challenge stereotypes across all aspects of our work, we have a culture that recognises and values the diverse contributions of our staff which benefits everyone. Our strong values of inclusivity and equity support our efforts to attract a diverse range of high-quality staff and students, and identify our University as a progressive and innovative workplace that mainstreams equity, diversity and inclusion.

