



**Job Title:** Research Technician (Mosquitos)  
**Grade:** 5  
**Salary:** £26,338 per annum, pro-rata if part-time  
**Department:** Genetics, Genomics and Cancer Sciences  
**Hours/Contract:** Full-time or job share, fixed term contract till 31 March 2025  
**Job Family:** Technical and Experimental  
**Reference:** 10642

## Role Purpose

To have specific responsibilities with an established research programme. To work collaboratively and independently as part of a research team to achieve defined milestones and produce high quality research as part of a wider programme.

## Main Duties and Responsibilities

### Duties and responsibilities

- To perform specialised laboratory experiments and analysis encompassing molecular techniques employing *Mosquitos*. This includes working with cell dissociation, in situ hybridization and RNA-extraction.
- To interpret and analyse data, as well as present results in seminars locally, and at national and international meetings if required.
- Take an active role in the writing-up of results for publication in international peer-reviewed journals.
- To take responsibility for organising resources and effective decision making in support of the day-to-day running of the laboratory.
- To observe good laboratory practice and promote a team-based approach to work.

### Leadership and Citizenship

- Guidance to other team members both research staff and students
- Pro-actively build networks and collaborations.
- Providing mentoring and coaching to Early Career Researchers and research students.

## Internal and External Relationships

- Regular meetings with members of the programme research group
- Liaison with external collaborators

## Planning and Organising

You will be required to effectively manage your time to plan your research activity and to deliver





on the priorities of the project:

- Prioritise tasks within agreed work schedules;
- Plan for specific aspects of research incorporating issues such as deadlines, project milestones and overall research aims;
- Adapt daily and weekly plans to accommodate new developments and be flexible to the changing priorities of the research project;

## Qualifications, Knowledge and Experience

### Essential

- Technical or scientific education to ONC or NVQ level 3 (or equivalent)\*
- Practical relevant experience in the day-to-day running and organisation of a laboratory and practical laboratory skills\*
- Knowledge and experience of working with a range of molecular biology and biochemistry techniques\*
- Experience in single-cell genomics\*
- Experience in FACS\*

### Desirable

- Education up to PhD or equivalent qualification in a relevant subject (biological sciences)
- Maintenance of comprehensive and confidential records, and a methodical approach to working
- Knowledge of good laboratory practice and laboratory safety issues

## Skills, Abilities and Competencies

### Essential

- Ability to work with *Mosquitos*\*
- Experience with PCR, cloning, qPCR and related approaches\*
- Knowledge and experience of biochemical approaches / molecular biology\*
- Ability to perform advanced microscopy (e.g. confocal, fluorescence) \*
- Ability to work independently and also as part of a research team\*
- Good computer literacy\*
- Good oral communication skills

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





### Reason for Fixed Term Contract

The reason for the fixed term contract is stated in section 1.9 in the summary of contractual terms in your contract of employment.

### 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 equality 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 equality, diversity and inclusion.

