



**Job Title:** Research Technician - Biobank  
**Grade:** 5  
**Salary:** £26,338 to £30,805 per annum  
**Department:** Genetics, Genomics and Cancer Sciences  
**Hours/Contract:** Full-time, fixed term contract from 01 June 2025 to 31 March 2027  
**Job Family:** Technical and Experimental  
**Reference:** 11674

## Role Purpose

The post-holder will be based within the Becky Mayer Centre for Phage Research at the University of Leicester. They will work as part of an inter-disciplinary team to provide support for the large-scale isolation of bacteriophages and maintenance of a Bacteriophage BioBank. They will engage with and work under the supervision of PDRAs who are leading the development of the physical phage bank and the bioinformatics infrastructure.

### Main Duties and Responsibilities

- To isolate bacteriophages against a range of pathogenic bacteria
- Perform host range testing of bacteriophages against a panel of bacteria
- To maintain stocks of bacteria and bacteriophages
- Extraction and amplification of bacterial and bacteriophage DNA
- To prepare sequencing libraries for Oxford Nanopore sequencing
- Preparation of media and reagents
- To ensure the lab and subsequent lab work is in adherence to Health and Safety regulations
- Assist with any other lab duties as and when required

### Internal and External Relationships

- Communicate and liaise with colleagues and collaborators involved in the above mentioned research programme and other projects the team is undertaking, on a regular basis to review and plan research activities.
- Communicate with Technical Managers and core technical support staff on a regular basis to discuss ongoing lab issues, health and safety matters, and future plans for the laboratory areas.
- Communicate and liaise with research collaborators, both nationally and internationally, under the instruction of your line manager.

### Planning and Organising

- With guidance from the Principal Investigator, or equivalent, plan own work and prioritise research and laboratory activities on a regular basis, including co-ordinating resources and maintenance of samples and equipment.
- The post-holder will be required to effectively manage their time to deliver on the priorities of the research programme with the support of their line manager.
- Attend suitable training courses or equivalent and be proactive in terms of continued professional development.





**Qualifications, Knowledge and Experience**

**Essential**

- Technical or scientific education to ONC or NVQ3 level\*
- Previous laboratory experience of Microbiology \*
- Extensive experience of working in a Biosafety level -2 laboratory\*
- Experience of culturing bacteria, in particular ESKAPE(E) pathogens\*
- Maintenance of comprehensive and confidential records, and a methodical approach to working
- Experience of the isolation of bacteriophages\*

**Desirable**

- Technical or scientific education to HNC or NVQ4 level\*
- Experience of preparing DNA sequencing libraries

**Skills, Abilities and Competencies**

**Essential**

- Ability to demonstrate research potential and enthusiasm for the subject area and contribute to delivering high quality research \*
- Excellent record keeping \*
- Team player, support broader research group \*
- Excellent communication skills – written and verbal\*
- Ability to prioritise tasks within agreed work schedules\*
- Commitment to continuous professional development (CPD)
- Willingness to participate in workshops and conferences to support the dissemination of results and findings

**Desirable**

- Understanding of LIMS systems
- Ability to use Linux based systems

***\*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.

