



**Job Title:** Sample Technician  
**Grade:** 5  
**Salary:** £26,707 to £31,236 per annum, pro rata  
**Department:** Cardiovascular Sciences  
**Hours/Contract:** Part-time, (0.5 FTE, 17.5 hours per week) fixed term contract to 31 July 2027  
**Job Family:** Technical and Experimental  
**Reference:** 13425

### Role Purpose

To support sample preparation, analysis, and routine maintenance for adherence-related studies using mass spectrometry techniques, within the Non-Adherence Group (NAG) and the van Geest MultiOmics Facility. The Scientific Officer will assist with the running and delivery of study analyses, working under the guidance of the research team.

The postholder will contribute to the processing of large sample cohorts (plasma/serum and urine), using established and developing mass spectrometry-based methods to assess medication adherence. The role involves assisting in the preparation of assays and supporting data collection as part of a wider clinical and research collaboration.

### Resources Managed

Assist with the day-to-day use and upkeep of laboratory equipment including centrifuges, mass spectrometers, fridges, freezers, and automated systems. Support routine maintenance and ensure appropriate storage and usage practices are followed.

### Main Duties and Responsibilities

- Extraction of biomatrices (plasma/serum, urine, equivalent) of adherence related cohorts
- Prepare and run mass spectrometry worklists on LC-MS/MS, LC-QTOF, or equivalent systems
- Process and interpret chromatographic data under supervision and contribute to data summaries
- Support the maintenance and organisation of laboratory instruments and supplies
- Contribute to method development and validation by preparing materials and running test samples

### Internal and External Relationships

#### Internal

- Working closely with all staff and students within the team, including research students, post-doctoral research associates, and technicians
- Interacting with University and UHL Trust staff in relation to sample collection from patients and healthy controls.

#### External

- Liaising with hospital-based staff relevant to NAG.
- Liaising with manufacturers and vendors





**Planning and Organising**

- Plan and prioritise own daily tasks to meet analysis deadlines.
- Monitor equipment and consumables, raising any ordering needs.
- Adjust tasks and scheduling to meet evolving lab needs.
- Support efficient lab operation by preparing equipment and workspace as needed.

**Qualifications, Knowledge and Experience**

**Essential:**

- Technical or scientific education (e.g. ONC/NVQ3 or equivalent) in a relevant subject\*
- Experience using mass spectrometry systems (e.g. LC-MS/MS)\*
- Practical experience in bioscience laboratories\*
- Handling and processing biological samples (blood/urine)\*
- Familiarity with health and safety procedures in a lab setting\*

**Desirable:**

- Experience using Waters MS systems/software (TQ-XS, TargetLynx)
- Familiarity with small molecule assay development
- Basic experience with Excel or R
- Experience working with SOPs and/or data logs
- Awareness of sample shipping and documentation procedures

**Skills, Abilities and Competencies**

**Essential**

- Ability to follow technical instructions accurately and safely\*
- Competency in preparing standards and solutions\*
- Effective time management and organisational skills\*
- Good interpersonal and teamworking skills
- Basic data analysis and record keeping skills
- Able to work with limited supervision, escalating issues when appropriate\*
- Demonstrates inclusive, inspiring, and responsible behaviour in line with University values

***\*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.





This post is exempt from the Rehabilitation of Offenders Act 1974 because the appointee will have substantial access to young people and/or vulnerable adults. Therefore, an appointment to this post will be subject to checking through the Disclosure and Barring Service (DBS). The successful applicant for this post will, therefore, be required to give consent for the University to check and obtain appropriate clearance with the DBS for the existence and content of any criminal record in the form of a Standard disclosure.

Information received from the DBS and the police will be kept in strict confidence and will be destroyed once the University is satisfied in this regard.

### Supporting University Activities

As a University of Leicester citizen, you are encouraged to support key university activities such as clearing, graduation ceremonies, student registration and recruitment open days. We encourage all staff as citizens to work flexibly across the University if required. If supporting these activities is likely to affect your workload, please speak to your line manager in the first instance

### 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

### Freedom of Speech

The University is committed to upholding freedom of speech and academic freedom within the law throughout our recruitment processes. We ensure that all candidates are considered based on merit and suitability for the role, without regard to their lawful viewpoints or the expression of challenging or controversial ideas. Our recruitment policies and practices are designed to protect applicants from discrimination or adverse treatment on the basis of their opinions, and to foster an environment where open debate and diverse perspectives are valued as essential to our academic mission.

### 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.

