**Job Summary**

**Job Title:** Research Technician  
**Grade:** 4  
**Salary:** £19,612 to £22,417 per annum  
**Department:** Respiratory Sciences  
**Hours/Contract:** Full-time fixed term for 6 months with further extension subject to funding  
**Job Family:** Technical and Experimental  
**Reference:** 2168

**Role Purpose**
To work on laboratory-based techniques to improve PCD diagnosis.

**Resources Managed**
Laboratory data records, laboratory consumables related to work area, safety resources (COSHH and risk assessments)

**Main Duties and Responsibilities**

- To conduct immunohistochemistry of respiratory cilia  
- To interrogate gene sequencing data  
- To undertake High speed video microscopy and cell culture of ciliated epithelium  
- To assist in the standardisation of laboratory techniques  
- Preparation and quality control of laboratory culture media and reagents  
- To record data, prepare reports and report results related to the above duties accurately to an agreed standard defined by the principle investigator  
- To provide general laboratory support ie house -keeping duties, application of COSHH assessments and other safety requirements, maintenance of basic lab equipment

**Internal and External Relationships**
To receive instruction and work in close contact with the line manager to plan and deliver specific tasks on a regular basis.

**Planning and Organising**
Clarify work requirement with the line manager to identify and resolve any immediate problems and refer the complex work/analysis to a more senior member of staff.  
Perform activities to appropriate time and quality requirements, following established protocols and procedures.  
Plan and prioritise own work for the week or weeks ahead to deliver scheduled services/targets.

**Qualifications, Knowledge and Experience**
Job Summary

**Essential**
- Relevant education to A-Level standard or equivalent*
- Previous experience of working in a laboratory*
- Experience in the growth and maintenance of cell cultures*
- Knowledge of whole exome and next gen sequencing
- A good working knowledge of health and safety regulations including COSHH
- Experience of working to GLP regulations*
- Experience in Immunohistochemistry*
- Experience of microscopy*

**Skills, Abilities and Competencies**

**Essential**
- Proficiency in Microsoft Office (Word and Excel)
- Proficiency in basic statistical analysis
- Excellent oral and written skills *
- Demonstrate high level of attention to detail and accuracy*
- Ability to work within a team and communicate effectively

*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.

**Research Passport Requirements**

Where it is determined that the duties of this post for the purposes of research involve work with the NHS, it is necessary to ensure that the performance of the duties attached to the post are covered by NHS indemnity arrangements and the appointee must comply with all such arrangements, including occupational health clearance.

**VITAL**

The University encourages all staff to live our VITAL values which are:

Valuing People, Innovators, Together, Accountable, Leaders.

**Equality and Diversity**
We believe that equality, 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.