

JOB DESCRIPTION



Job title:

Research Scientist 1

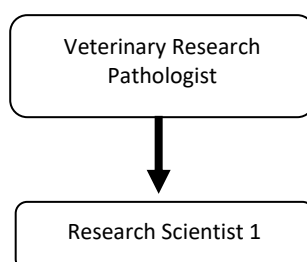
Pay Band

5

Department:

Disease Control

Reporting Structure:



Staff reporting to postholder:

None

Main purpose of job:

To develop and perform standard and innovative histology in support of the diagnostic and research aims of the Institute. To support the maintenance of the Moredun Pathology Unit (MPU) Histology Laboratory.

Main duties of postholder:

To provide high quality histology services to ensure timely and correct preparation of disease diagnostic and research samples, including data entry into LIMS database.

To train, support and supervise (when required) Moredun staff/students and visiting workers in the use of histological techniques including immunohistochemistry.

To perform the regular daily, weekly and monthly maintenance and replenishment of specialist equipment within the Moredun Pathology Unit (MPU) histology laboratory.

To perform the regular, daily, weekly and monthly monitoring and recording of the equipment performance to ensure compliance with the QA standards.

To support the development of immunohistochemical based methods for the diagnosis of infectious and other diseases and localisation of antigens to support research across the institute.

To support the development of Digital Pathology capacity by producing high-quality digital whole slide images.

To play a role in supporting Institute infrastructure initiatives.

PERSON SPECIFICATION

	Essential	Desirable
Attainment:	Higher National Certificate (HNC) in Medical Laboratory Science (Histopathology) or equivalent laboratory experience	
Experience:	Histology laboratory.	Veterinary laboratory.
	Histology techniques as applied to diagnostic and research pathology, including special stains.	Immunohistochemistry, immunofluorescence.
	Time management and meeting deadlines.	
	Working to Quality Assurance and Health and Safety Regulations.	
	Use of common IT packages including Microsoft Office Outlook, Word and Excel.	
	Use of common histology laboratory instrument software – cassette writer, slide writer, etc.	
	Use of Laboratory Information Management System (LIMS)	
		Digital slide scanning and quality assessment.
Skills:	<p>Communication – Ability to communicate clearly, calmly and respectfully with a wide range of people.</p> <p>Ability to talk confidently to scientists and students about topics including science and Health and Safety.</p>	
	<p>Managing relationships – Ability to build and maintain effective working relationships with a range of people.</p> <p>Ability to manage relationships with tact and diplomacy.</p>	

Skills

(continued):

Essential	Desirable
<p>Team working – Ability to work flexibly and effectively as part of a cross-Institute team.</p>	
<p>Resilience – Strong ability to work with a constantly changing set of circumstances and issues.</p> <p>Ability to deal with unplanned interruptions calmly and promptly in order to minimise disruption.</p>	
<p>Confidentiality – Awareness of the importance of confidentiality.</p>	
<p>Planning and organisation – Ability to work on own initiative, prioritise day to day work, and plan activities taking into account deadlines and resources.</p> <p>Ability to maintain laboratory equipment in good working order.</p> <p>Ability to share responsibility for sample and pathogen registration, tracking, storage, and archiving.</p> <p>Ability to take shared responsibility for managing a budget, laboratory supplies and equipment to best effect.</p> <p>Ability to plan to enable timely access to the Histology Laboratory by new staff members, visiting scientists, maintenance engineers etc.</p>	
<p>Decision making – Ability to take independent action where necessary in line with Institute policies and procedures.</p> <p>Ability to troubleshoot histological techniques when required.</p> <p>Ability to assess, identify and, if possible, rectify equipment problems or decide if external help is required.</p>	

	Essential	Desirable
Skills (continued):	<p>Flexibility – Ability to adapt and work effectively with a variety of situations, individuals or groups.</p> <p>Ability to understand and appreciate different and opposing perspectives on an issue and to adapt as a situation changes.</p>	
Other skills:	Ability to work with animals of all species.	
Other requirements:		