

# JOB DESCRIPTION



Job title:

Principal Investigator and Head of Aquaculture Research Group (ARG)

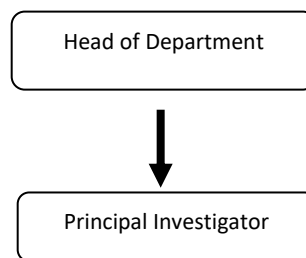
Pay Band

Band 9

Department:

Vaccines & Diagnostics

Reporting Structure:



Staff reporting to postholder:

One postdoctoral research scientist, one postdoctoral fellow (Marie Curie) and one postgraduate student.

Main purpose of job:

Design, perform and develop innovative and commercially relevant research for the control of infectious diseases in aquaculture

Main duties of postholder:

- The development of a research programme on the control of infectious diseases affecting the welfare and production of aquaculture species of importance to industry and in accordance with the organisation strategy.
- Deliver on the Objectives set by Moredun and on the Objectives set within other externally funded projects.
- Direct the activities of support staff and students through management and leadership, to achieve these aims.
- Exploit research networks and contacts to apply for and attract significant external research funding from a diverse range of funders and industry partners.
- Engage with stakeholders and end-users for effective knowledge exchange and technology transfer.
- Expand and develop the aquaculture research group at Moredun and liaise closely with Moredun Scientific Ltd to facilitate and develop industry projects and exploit new funding/development opportunities.

## PERSON SPECIFICATION

	Essential	Desirable
<b>Attainments:</b>	PhD in Fish Immunology/vaccinology	Home Office Personal and/or Project License
		Production of recombinant vaccines
<b>Experience:</b>	Research experience in aquaculture, vaccinology	Production of killed and inactivated vaccines
	Interpreting and analysing complex datasets	
	Coordinating reporting from multiple information sources	
	Aquatic species pathogen control immunology, host pathogen interactions and molecular biology	
	Evidence of attracting significant external research funding	
	Links/network within the UK and Global aquaculture industry	
	Scientific project design and management	
	Presentation of scientific reports to a wide range of audiences	
	Writing and submission of significant grant applications	
	Overseeing vaccine efficacy experiments	
	Development of tools to analyse host immune responses	
<b>Skills:</b>	<p><b>Communication</b> - excellent interpersonal and communication skills, oral and written, when dealing with a wide range of managers, staff and other contacts.</p> <p>Ability to provide verbal communications to staff, visitors, collaborators or clients.</p> <p>Able to represent the organisation and to deliver talks to a variety of audiences.</p>	

	Ability to write papers and reports for publication.	
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	Essential	Desirable
<b>Skills:</b> <b>continued</b>	<p><b>Managing relationships</b> – ability to deal with a wide range of people with tact and diplomacy</p> <p>Able to build and maintain effective working relationships with a range of people.</p> <p>Able to supervise others and to delegate as appropriate</p>	
	<p><b>Team working</b> - ability to work flexibly and effectively as part of the team</p>	
	<p><b>Resilience</b> - strong ability to work with ambiguity and constantly changing set of circumstances and issues</p> <p>Ability to remain calm when working under pressure and in the case of unpredictable events</p>	
	<p><b>Confidentiality</b> – awareness of the importance of confidentiality</p>	
	<p><b>Planning and organisation</b> - able to work on own initiative, prioritise workload, plan activities taking into account deadlines, resources and prescribed milestones agreed by the funding body</p> <p>Able to take responsibility for managing a budget, including authorization of expenditure</p> <p>Ability to manage and maintain laboratory facilities and the activities within in accordance with regulations</p>	
	<p><b>Decision making</b> – able to take independent action where necessary in line with policies and procedures</p> <p>Ability to decide appropriate strategies to solve complex scientific problems, using technical innovation, research, understanding and original thinking</p> <p>Able to analyse and appraise data to reach a solution</p>	
	<p><b>Flexibility</b> – ability to adapt and work effectively with a variety of situations, individuals or groups</p>	

	Able to understand and appreciate different and opposing perspectives on an issue and to adapt an approach as the situation changes	
	<b>Essential</b>	<b>Desirable</b>
<b>Other skills</b> (please specify)		Ability to carry out regulated procedures on animals.
<b>Other requirements</b> (please specify)		