



UNIVERSITY OF
LINCOLN

UNIVERSITY OF LINCOLN JOB DESCRIPTION

JOB TITLE	Research Associate in Antimicrobial Resistance				
DEPARTMENT	School of Life Sciences				
LOCATION	Brayford				
JOB NUMBER	COS735	GRADE	7	DATE	January 2020
REPORTS TO	Principal Investigator				

CONTEXT

This fixed-term appointment is for a project entitled 'Novel biocontrol to combat Clostridium perfringens in poultry flocks' and is part of an Innovate UK funded UK-China collaboration to tackle antimicrobial resistance (with GAMRIF/DHSS). The role will involve laboratory studies to support field trials with bacteriophages and the pathogen Clostridium perfringens as a potential biocontrol with UK and Chinese partners.

JOB PURPOSE

The Research Associate will be conducting laboratory research on the project, as directed by the Principal Investigator, and is expected to operate with a degree of autonomy. The work will be conducted as described in the research application and work plan and focus around characterisation of relevant bacteriophages and Clostridium perfringens. The appointee should be able to characterise bacteriophage both biochemically and genetically and should be familiar with large scale culture techniques and/or bioinformatics. The work envisaged is with category 2 organisms based at Lincoln and may involve working with colleagues from the UK and Chinese collaborators. The post holder may be required to help supervise the work of more junior researchers/ related projects.

KEY RESPONSIBILITIES

Literature Surveys
Undertake literature surveys and other investigations of the state-of-the-art, and prepare reports as required.
Programme of Research
Undertake a programme of research under the direction of the Principal Investigator, demonstrating a significant level of autonomy. Lead in the production of high quality research outputs, including reports, papers and other publications of national/international standing.
Project Management
Perform project management activities, planning, scheduling, monitoring and reporting on progress of research projects.
Liaison and Networking
Identify and liaise with internal and external collaborators, and with colleagues in the Department, maintaining positive and effective working relationships.
Internal Research Activities
Participate in and help to organise internal research activities, including seminars, research meetings and conferences.
Continuous Professional Development
Undertake continuous professional development activities.
Grant Applications
Contribute to the production of grant applications.
Teaching Support
Engage in teaching support activities, up to a maximum of six hours per week, possibly including leading a small number of units (no more than two per annum).

In addition to the above, undertake such duties as may reasonably be requested and that are commensurate with the nature and grade of the post.

ADDITIONAL INFORMATION

Scope and dimensions of the role

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Key working relationships/networks

Internal	External
<ul style="list-style-type: none">Principal InvestigatorHead of Research CentreHead of SchoolOther research and academic staff within the school	<ul style="list-style-type: none">Research collaboratorsSponsors and clients



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UNIVERSITY OF LINCOLN PERSON SPECIFICATION

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Selection Criteria	Essential (E) or Desirable (D)	Where Evidenced Application (A) Interview (I) Presentation (P) References (R)
Qualifications:		
PhD or equivalent (good candidates may be accepted with a PhD pending, subject to publication record)	D	A
Extensive knowledge specific to project/area	E	A/I
Experience:		
Extensive experience of relevant research methods	E	A/I
Authorship of research outputs of national/international standing	E	A/I
Experience of research in specific project area	E	A/I
Teaching support	D	A/I
Skills and Knowledge:		
Ability to design, conduct and project manage original research in the subject area	E	A/I
Excellent written communication, including the ability to write reports and research outputs	E	A/I
Ability to prioritise own workload and work to specified deadlines under pressure	E	A/I
Ability to communicate complex subjects orally	E	A/I
Skills specific to project/area	E	A/I
Competencies and Personal Attributes:		
Flexible approach to workload	E	I
Ability to work on own and as part of a team	E	I
Enthusiasm and commitment	E	I
Business Requirements:		

Essential Requirements are those, without which, a candidate would not be able to do the job. **Desirable Requirements** are those which would be useful for the post holder to possess and will be considered when more than one applicant meets the essential requirements.

Author	RD	HRBA	SP
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