



UNIVERSITY OF
LINCOLN

UNIVERSITY OF LINCOLN JOB DESCRIPTION

JOB TITLE	Post Doctoral Research Associate				
DEPARTMENT	School of Pharmacy				
LOCATION	Lincoln				
JOB NUMBER	COS805	GRADE	7	DATE	January 2021
REPORTS TO	Professor Terence Herbert				

CONTEXT

We are seeking a full time Postdoctoral Research Assistant for a Leverhulme Trust funded position to study the role of RNA binding proteins in exocytosis in both insulin producing pancreatic beta cells and neuroendocrine cells. This is a fantastic opportunity for someone to work on a novel area of research which will have significant impact.

The project is multi-disciplinary and draws upon the expertise of academics from across the UK and Europe. You will be part of the Herbert and Whitehead labs, who have long standing interests in gene expression and diabetes. In addition, you will have the opportunity to work for up to 6 months with RNA biologist, Professor Matthias Hentze (web address) at the EMBL, Heidelberg, and the potential to work with world leading experts in the fields of diabetes and neuroscience at Universities of Birmingham and Leicester.

JOB PURPOSE

The Post Doctoral Research Associate is responsible for conducting research on the project, as directed by the Principal Investigator, and is expected to operate with a significant degree of autonomy. They are not expected to operate as an independent researcher.

The post holder may be required to help supervise the work of more junior researchers.

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
Aid in the supervision of undergraduate and postgraduate research students.

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

We are seeking candidates with a PhD (or close to completion/have equivalent experience) in a relevant subject area. You will have expertise in molecular and cellular biology and an interest in gene expression, exocytosis, diabetes or neuroscience. The role requires technical experience in gene cloning/plasmid construction, mammalian cell culture, and bacterial protein expression. It would also be of advantage if you had experience in confocal/fluorescence microscopy. You will have excellent communication skills and be able to work effectively as part of a team. You will have the ability to manage your own workload effectively while maintaining the flexibility required for working in scientific environments. We are strongly supportive of postdoctoral career development, and you will be encouraged to attend meetings and participate in further training opportunities to learn new skills and techniques.

Key working relationships/networks

Internal	External
<ul style="list-style-type: none">• Principal Investigator (Terence Herbert)• Co-applicant Jon Whitehead• Other research and academic staff within the school	<ul style="list-style-type: none">• Research collaborators• Sponsors 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)	E	A
Extensive knowledge specific to project/area	E	A/I/R
Experience:		
Extensive experience of relevant research methods	E	A/I/P
Authorship of research outputs of national/international standing	D	A
Experience of research in specific project area	D	A/I/P
Skills and Knowledge:		
Ability to design, conduct and project manage original research in the subject area	E	A/I/R
Excellent written communication, including the ability to write reports and research outputs	E	A/I/R
Ability to prioritise own workload and work to specified deadlines under pressure	E	A/I/R
Ability to communicate complex subjects orally	D	A/I/P
Skills specific to project/area	E	A/I/P/R
Competencies and Personal Attributes:		
Flexible approach to workload	E	I/R
Ability to work on own and as part of a team	E	I/R
Enthusiasm and commitment	E	I/R
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	Terence P Herbert	HRBA	DB
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