



Research Assistant in Pharmaceutical Formulation

Reference: 0139-23

Grade: 8

Salary: £36,333 to £43,155 per annum

Contract Type: Fixed Term

Basis: Full Time

Job description

Job Purpose

The post available within the College of Health and Life Sciences, sponsored initially via a BBSRC IAA grant, is available for a term of 6 months.

The appointed formulation scientist will be developing nanocarriers as tools to study angiogenesis.

Main duties and responsibilities

As a formulation scientist, your main duties will be involved in developing nanocarriers as tools to investigate angiogenesis. The appointed person will also be expected to prepare scientific reports on the progress of the work as requested by the sponsor and help in the preparation of research articles related to the project.

Research

- To use the necessary research techniques to gather and manipulate data and information, interpret the results for use by self and others
- To undertake assay development (HPLC), formulation and characterisation of nanocarriers including in vitro release studies
- To analyse and interpret the results of own research and generate original ideas based on outcomes
- To manage data to ensure data integrity and ease of access to data for the principal and co-investigators
- To prepare study findings for presentation in study reports, patents and publication in scientific journals
- To ensure that all work is undertaken and analysed in a timely manner and in line with the milestones and deliverables outlined by the principal investigator
- To present information on research progress and outcomes to the research team and to the project management group
- To liaise with research colleagues and external participants as required
- To assist in the supervision of student projects as required

Additional responsibilities

- Engage in continuous personal and professional development in line with the demands of the role, including undertaking relevant training and development activities to develop themselves and support the development of others.
- Ensure and promote the personal health, safety and wellbeing of staff and students.
- Carry out duties in a way which promotes fairness in all matters and which engenders trust.
- Promote equality of opportunity and support diversity and inclusion as well as working to support the University's environmental sustainability agenda and practices.

Person specification

	Essential	Method of assessment
Education and qualifications	<ul style="list-style-type: none"> • PhD or MRes in formulation sciences (writing up students welcome) 	Application form
Experience	<ul style="list-style-type: none"> • Good background knowledge in assay development (HPLC), characterisation of API, formulation methods • Experience in statistical analysis • Relevant laboratory experience working in a formulation science area • Experience in recording research findings and project reporting 	Application form and interview
Aptitude and skills	<ul style="list-style-type: none"> • Quantitative data analysis skills • Good spoken and written communication skills • Strong interpersonal and organisational skills, with the ability to work as part of a team and to deliver the tasks required by the project in a timely manner • Project management skills • Good organisational and time-keeping skills. • Good computer skills working with Microsoft Word, Excel, PowerPoint software 	Application form and interview

	Desirable	Method of assessment
Education and qualifications	<ul style="list-style-type: none"> • PhD, previous experience of working with new chemical entity 	Application form
Experience	<ul style="list-style-type: none"> • Experience in use of analytical equipment and biochemical analysis 	Application form and interview

	Desirable	Method of assessment
	<ul style="list-style-type: none"> • Experience in techniques related to the study of angiogenesis • Good presentation skills to a scientific audience • Experience in laboratory management 	

How to apply

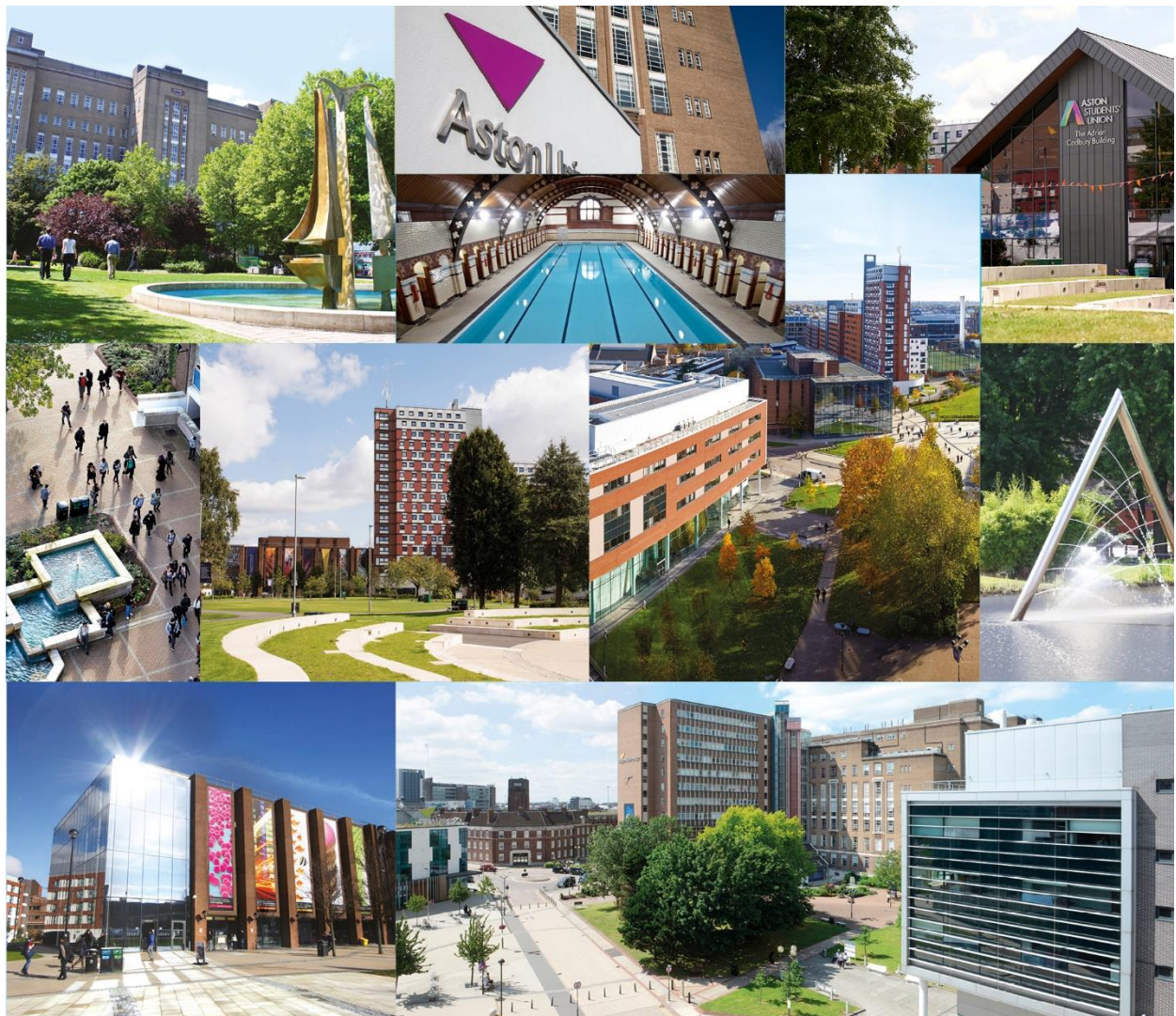
You can apply for this role online via our website <https://www2.aston.ac.uk/staff-public/hr/jobs>.

Applications should be submitted by 23.59 on the advertised closing date.

All applicants must complete an application form, along with your CV.

Any CV sent direct to the Recruitment Team and Recruiting Manager will not be accepted.

If you require a manual application form then please contact the Recruitment Team via jobs@aston.ac.uk.



Contact information

Enquiries about the vacancy:

Name: Zhuo Wang

Job Title: Lecturer

Email: z.wang10@aston.ac.uk

Enquiries about the application process, shortlisting or interviews:

Recruitment Team via jobs@aston.ac.uk or 0121 204 4500.

Additional information

Visit our website <https://www2.aston.ac.uk/staff-public/hr> for full details of our salary scales and benefits Aston University staff enjoy

Salary scales: <https://www2.aston.ac.uk/staff-public/hr/payroll-and-pensions/salary-scales/index>

Benefits: <https://www2.aston.ac.uk/staff-public/hr/Benefits-and-Rewards/index>

Working in Birmingham: <https://www2.aston.ac.uk/birmingham>

Employment of Ex-Offenders: Under the Rehabilitation of Offenders Act 1974, a person with a criminal record is not required to disclose any spent convictions unless the positions they applying for is listed an exception under the act.

Eligibility to work in the UK:

Post-Brexit transition period / EU Settlement Scheme

The post-Brexit transition period ended on 31 December 2020. If you are an EU/EEA citizen and you were a resident in the UK before 31 December 2020, you and your family members (including non-EU citizens need to apply to the EU Settlement Scheme to continue to live, work and study in the UK beyond 30 June 2021. The deadline for applying to the EU settlement scheme is 30 June 2021. You can apply via the Government webpage <https://www.gov.uk/settled-status-eu-citizens-families>
Irish Nationals do not need to apply for settlement as they retain the right to work in the UK.

New immigration system for EU/EEA and Swiss Nationals who were not resident in the UK before 31 December 2020

A new immigration system has been introduced for people arriving in the UK from EEA countries with effect from 1 January 2021. In addition to those who have always required a visa, EU citizens moving to the UK to work will need to get a visa in advance. You can find more information on the following website. Candidates should check their eligibility to enter or remain in the UK in advance of making any job application via the UKVI website <https://www.gov.uk/browse/visas-immigration/work-visas>. Before applying you should ensure that you meet the requirements, including meeting the English Language requirements. If you do not meet the eligibility criteria, any application for a work visa would be unsuccessful.

If you require a visa to work in the UK the most common types of visa are:

Skilled Worker Visa

<https://www.gov.uk/skilled-worker-visa>

Global Talent Visa

If you are a leader or potential leader in one of the following fields you may be eligible to apply for a Global Talent Visa:

- Academia or Research
- Arts and Culture
- Digital Technology

Please click the following link for further information and to check your eligibility for this visa.

<https://www.gov.uk/global-talent>

Equal Opportunities: Aston University promotes equality and diversity in all aspects of its work. We aim to ensure, through our admissions policies for students, and our staff recruitment and selection processes that we encourage applications from all groups represented in the wider community at a local, national and international level.

The University will endeavour not to discriminate unfairly or illegally, directly or indirectly, against student or potential students, staff or potential staff. This commitment applies to all functions of the University and to any stage of an individual's career.

An Equal Opportunities Monitoring Form is included within the application form. Data you provide on the Equal Opportunities Monitoring Form will be included in a general database, for statistical monitoring purposes, enabling the University to monitor the effectiveness of its Policy, Codes of Practice and Guidelines on Equal Opportunities in Employment. Individuals will not be identified by name.

Data Protection: Your personal data will be processed in compliance with the Data Protection Act 2018 and the General Data Protection Regulation ((EU) 2016/679) ("GDPR"). The University's Data Protection Policy and Privacy Notices, including the Job Applicant Privacy Notice can be found at <https://www2.aston.ac.uk/data-protection>. Your application will only be used to inform the selection process, unless you are successful, in which case it will form the basis of your personal record with the University which will be stored in manual and/or electronic files. Information in statistical form on present and former employees is given to appropriate outside bodies.

Full details of our terms and conditions of service and associated policies and procedures are available online at <https://www2.aston.ac.uk/staff-public/hr/policies>

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gets real.**