



**Cardiff
Metropolitan
University**

**Prifysgol
Metropolitan
Caerdydd**

JOB DESCRIPTION

Job Title:	Post-doctoral Research Associate
Post Number:	AH167XX
Department:	Cardiff School of Sport and Health Sciences
Location:	Llandaff
Grade:	6AB
Salary:	£32,958 - £37,075 per annum
Tenure:	Permanent
Hours:	37 hours per week

Role Summary:

To conduct research commensurate with post-doctoral level within microvesicles and cardiovascular biology and contribute to the overall research performance of the School and University. To carry out research leading to the publishing of work in high-quality journals and to contribute to submittal and running of research projects. To pursue excellence in research and to inspire others to do the same.

Principal Duties and Responsibilities:

Research

- To conduct research within microvesicles and cardiovascular biology and contribute to the overall research performance of the School and University by the production of measurable outputs including bidding for funding, publishing in national academic journals and conferences, and the recruitment and supervision of postgraduate research students
- To develop research objectives and proposals for own or joint research including research funding proposals

- To undertake administrative tasks associated with research projects, including the planning and organisation of projects and the implementation of procedures required to ensure accurate and timely reporting
- To assist with supervision of PhD students, ensure standards and quality of outputs, and build an active research environment.
- To prepare and apply research ethics and research governance applications as appropriate
- To review and synthesise existing research literature within the field
- To participate in School research activities
- To build and create networks both internally and externally to the University, to influence decisions, explore future research requirements and share research ideas for the benefit of research projects

Other

- To engage effectively with industrial, commercial and public sector organisations, professional institutions, other academic institutions etc., regionally and nationally to raise awareness of the School's profile, to cultivate strategically valuable alliances, and to pursue opportunities for collaboration across a range of activities. These activities are expected to contribute to the School and the enhancement of its regional and national profile
- To undergo personal and professional development that is appropriate to and which will enhance performance
- To participate in School administration and activities to promote the School and its work to the wider University and the outside world
- Any other duties not included above, but consistent with the role

Standard Notification

These guidelines are provided to assist you in the performance of your contract. The university is a dynamic organisation; therefore changes may be required from time to time. Any changes will be made in consultation with the post-holder. The Summary of Duties and Responsibilities is not intended to be an exhaustive list of tasks performed. Other associated technical tasks are likely to be performed as directed by the line manager.

It is accepted that individual staff will have a specialist skills and knowledge base in relation to the role they have been appointed to. In addition to this, Cardiff Metropolitan University expects that all staff will contribute to the vision and ethos of the university and conduct themselves in a professional, courteous and student/customer focused manner at all times. All staff should have particular regard for their responsibilities under Cardiff Metropolitan University's Equalities, Financial, Environmental and Sustainability, Human Resources and Health and Safety policies and procedures.



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PERSON SPECIFICATION

Post: POST-DOCTORAL RESEARCH ASSOCIATE

Unit/School: CARDIFF SCHOOL OF SPORT AND HEALTH SCIENCES

*Key

A - Application form
I - Interview
T/P - Test/Presentation

FACTORS	ESSENTIAL AND DESIRABLE CRITERIA	ASSESSED BY		
		A*	I*	T/P*
Education & Qualifications (Essential)	PhD degree in a relevant area of Cardiovascular Biology	√		
Education & Qualifications (Desirable)	Evidence of good laboratory practice/training	√		
	Experience with dealing with samples derived from humans (HTA relevant)	√		
Knowledge (Essential)	An established expertise and proven portfolio of research and/or relevant Pharma/industrial experience within the following research fields: <ul style="list-style-type: none"> • Microvesicle detection/isolation/biology • Adipocyte biology • Endothelial cell biology • In vitro vascular models • Ischaemia/Stroke 	√	√	√
	Knowledge of current status of research in specialist field	√	√	√
Knowledge (Desirable)	Knowledge of analysis techniques including microscopy, Western blot, MS	√	√	
	Experience with microvesicle/extracellular vesicle research	√	√	
	Good background knowledge of inflammatory biology/atherosclerosis/endothelial dysfunction	√	√	

FACTORS	ESSENTIAL AND DESIRABLE CRITERIA	ASSESSED BY		
		A*	I*	T/P*
Skills and Abilities (Essential)	Proven ability to publish in national journals	√		
	Proven ability to be successful in competitive research	√		
	Proven ability in effective and persuasive communication	√	√	√
	Ability to supervise the work of others to focus team efforts and motivate individuals		√	
	Proven ability to demonstrate creativity, innovation and team-working within work	√	√	
Skills and Abilities (Desirable)	Proven ability to be successful in competitive research grant writing	√		
	Proven ability to adapt to the changing requirements of the Higher Education/Research community	√		
Experience (Essential)	Experience of giving presentations at conferences/meetings	√		
Experience (Desirable)				
Other Requirements (Essential)				
Other Requirements (Desirable)	Publications in the field of microvesicle biology	√		
	Evidence of collaboration with industry	√		