

Job Description: Research Assistant

Faculty:	FMHLS
Department/Subject:	Biomedical Sciences (Antimicrobials)
Salary:	Grade 7 £34,132 - £38,249 per annum pro rata together with USS pension benefits
Hours of work:	21 hours per week (60% FTE)
Number of positions:	1
Contract:	Fixed term position for 5 months
Location:	This position will be based at the Singleton Campus

Main Duties	<ol style="list-style-type: none"> 1. Biological analysis of nanoparticles and polymers for their efficacy against bacterial strains 2. Data analysis, results preparation 3. Project report writing and lab management 4. Able to effectively contribute to discussions and supporting students in the biolab
	<ol style="list-style-type: none"> 5. Pro-actively contribute to and conduct research, including gather, prepare and analyse data, generate original ideas and present results. 6. Prepare reports, draft patents and papers describing the results of the research, both confidential and for publication. 7. Be self-motivated, apply and use their initiative, aiming to determine suitable ways to tackle challenges and seeking guidance when needed. 8. Interact positively and professionally with other collaborators and partners within the Faculty and elsewhere in the University and beyond as appropriate such as in industry/commerce, public organisations, hospitals and academia. 9. Contribute to Faculty organisational matters in order to help it run smoothly and to help raise its external research profile. 10. Keep informed of developments in the field in technical, specific and general terms and their wider implication for the discipline area, commercial applications and the knowledge economy. 11. When requested act as a representative or member of committees, using the opportunity to extend their own professional experience. 12. Demonstrate and evidence own professional development, identifying development needs with reference to the Vitae Researcher Development Framework, particularly with regard to probation, PDR and participation in training events. 13. Maintain and enhance links with the professional institutions and other related bodies. 14. Observe best-practice protocols in maintenance and retention of research records as indicated by HEI and Research Councils records management guidance. This includes ensuring project log-book records are deposited with the University/Principal Investigator on completion of the work.
General Duties	<ol style="list-style-type: none"> 15. To promote equality and diversity in working practices and maintain positive working relationships. 16. To conduct the job role and all activities in accordance with safety, health and sustainability policies and management systems, in order to reduce risks and impacts arising from the work activity. 17. To ensure that risk management is an integral part of any decision making process, by ensuring compliance with the University's Risk Management Policy. 18. Any other duties as agreed by the Faculty / Directorate / Service Area.
Person Specification	<p>Essential criteria:</p> <ol style="list-style-type: none"> 1. A degree in Biomedical Sciences or Related Area

	<ol style="list-style-type: none"> Experience with or readiness to learn techniques for cell culture, ELISA, confocal microscopy, cellular toxicity readouts, immunostaining, etc. Good theoretical knowledge of basics related to antimicrobials, different biological assays, cellular toxicity read outs, etc. <p>Desirable Criteria</p> <p>Experience with testing of antimicrobials</p>
Welsh Language Level	<p>Level 1 – ‘a little’ - pronounce Welsh words. Able to answer the phone in Welsh (good morning / afternoon). Able to use very basic every-day words and phrases (thank you, please etc.). Level 1 can be reached by completing a one-hour training course.</p> <p>For more information about the Welsh Language Levels please refer to the Welsh Language Skills Assessment web page, which is available here.</p>
Additional Information	<p>Informal enquiries: sumati.bhatia@swansea.ac.uk; T.S.Wilkinson@Swansea.ac.uk</p>

