

**Job Description: Research Assistant**

<b>Faculty:</b>	<b>FMHLS</b>
<b>Department/Subject:</b>	<b>Medicine</b>
<b>Salary:</b>	<b>Grade 07 £32,982 to £37,099 per annum together with USS pension benefits</b>
<b>Hours of work:</b>	<b>Full Time</b>
<b>Number of positions:</b>	<b>1</b>
<b>Contract:</b>	<b>Fixed term position until 31<sup>st</sup> August 2025</b>
<b>Location:</b>	<b>This position will be based at the Singleton Campus</b>

<b>Main Duties</b>	<ol style="list-style-type: none"> <li>1. Conduct laboratory-based research activities in the areas of genotoxicity testing, nanomaterials characterisation, evaluating DNA damage modes of action (e.g. oxidative stress, inflammatory response).</li> <li>2. Present (either orally, as a poster, or within a written reports/publications) the projects' (data) outputs to a variety of audiences, including the funding organisation, industry stakeholders, peer-scientists, and regulatory agencies.</li> <li>3. Contribute to the organisation and running of network conferences and technology-workshops.</li> <li>4. Contribute to all activities to raise the external profile of the research, including marketing (g. website news pieces, social media), contribute to E-newsletters, and public outreach activities.</li> <li>5. Contribute to the preparation of reporting documentation.</li> <li>6. Interact positively and professionally with all industrial, regulatory and academic collaborators in sister projects supported by the funding organisation.</li> </ol>
<b>General Duties</b>	<ol style="list-style-type: none"> <li>7. Pro-actively contribute to and conduct research, including gather, prepare and analyse data, generate original ideas and present results.</li> <li>8. Prepare reports, draft patents and papers describing the results of the research, both confidential and for publication.</li> <li>9. Be self-motivated, apply and use their initiative, aiming to determine suitable ways to tackle challenges and seeking guidance when needed.</li> <li>10. 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, public organisations, and academia.</li> <li>11. Contribute to Faculty organisational matters to help it run smoothly and to help raise its external research profile.</li> <li>12. 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.</li> <li>13. 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.</li> <li>14. Maintain and enhance links with the professional institutions and other related bodies.</li> <li>15. 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.</li> <li>16. To promote equality and diversity in working practices and maintain positive working relationships.</li> </ol>

	<p>17. 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.</p> <p>18. To ensure that risk management is an integral part of any decision making process, by ensuring compliance with the University's Risk Management Policy.</p> <p>19. Any other duties as agreed by the Faculty / Directorate / Service Area.</p>
<p><b>Person Specification</b></p>	<p><b>Essential criteria:</b></p> <ol style="list-style-type: none"> <li>1. A Degree in a life science related subject or equivalent</li> <li>2. Laboratory cell culture experience.</li> <li>3. Laboratory based experimental research experience in the areas of toxicology, molecular biology, genetic toxicology or nanosafety.</li> <li>4. Knowledge and/or experience of mammalian cell biology and associated cell and molecular analysis techniques (for example, microscopy techniques, flow cytometry, gene expression analysis).</li> <li>5. A demonstrable ability to conduct research in line with the objectives of the project.</li> <li>6. Evidence of planning skills to contribute to the research project.</li> <li>7. Excellent written and verbal communication skills, as well as record and time keeping.</li> <li>8. A commitment to continuous professional development</li> </ol> <p><b>Welsh Language:</b></p> <p>Level 1 – ‘a little’ (you do not need to be able to speak any Welsh to apply for this role) <i>e.g. pronounce Welsh words, place names, department names. Able to answer the phone in Welsh (good morning / afternoon). Able to use of learn very basic every-day words and phrases (thank you, please, excuse me). Level 1 can be reached by completing a one-hour training course.</i></p> <p>For more information about the Welsh Language Levels please refer to the Welsh Language Skills Assessment web page, which is available <a href="#">here</a>.</p> <p><b>Desirable Criteria</b></p> <ol style="list-style-type: none"> <li>9. Evidence of ability to work effectively as part of a multi-disciplinary team.</li> <li>10. Evidence of the ability to work effectively with external academic or industrial partners.</li> <li>11. Evidence of the ability to actively engage in and contribute to writing and publishing research papers, particularly for refereed journals.</li> </ol>
<p><b>Additional Information</b></p>	<p>Informal enquiries: Professor Shareen H. Doak – <a href="mailto:s.h.doak@swansea.ac.uk">s.h.doak@swansea.ac.uk</a></p>

