



Job Description and Person Specification

Summary

Job title:	Research Support Technician
Area:	Medical School
Reference:	EHA2663-0926
Grade and Salary:	£26,093 - £28,031 per annum, pro rata. Grade 4, Points 15 - 18
Contract Type:	Fixed Term for 37 weeks
Hours:	Part Time 15 hours a week
Location:	Campus based role/Hybrid. Ormskirk, Lancashire, L39 4QP
Accountable to:	Julie Bridson
Reporting to:	Principal Investigator – Carlos Rubbi

About the Role

The post-holder will provide laboratory technical support for the research project “Retention of p53-dependent apoptotic ability in HPV-positive head and neck cancer cells”.

The project will aim to determine whether Head and Neck Cancer (HNSCC) cells that harbour HPV viral genome as a driver of oncogenicity still retain p53 function despite the presence of the HPV E6 viral protein. This will be achieved by studying a panel of HNSCC and cervical cancer cells variously harbouring HPV viral proteins and either wild type or mutant TP53 gene. The main analysis technique will be Western blot to quantitate expression levels of proteins under control or drug treated conditions. Other cell techniques to assess the cancer phenotype of studied cells will be cell proliferation and flow cytometry.

We expect the applicant to be experienced in cell culture and in the most common protein analysis techniques such as protein quantitation and SDS-PAGE/Western blot analysis, including quantitative analysis of protein expression data. Desirable but not essential is the experience in techniques for the analysis of proliferation phenotypes, such as viability assays and Flow Cytometry.

The successful applicant will join a project that will provide skills in fundamental cell and molecular cancer biology techniques. Conceptually, the project will familiarise the applicant in the molecular mechanisms of Head and Neck cancer (as well as cervical cancer) and provide them with novel insights into the pathobiology of those cancers.

Specific duties and responsibilities

The post holder will be expected to:

1. Perform cell culture, including maintenance of the cell lines.
2. Perform biochemical and cell biological techniques comprising Western blot, flow cytometry and cell viability assays.
3. **Ensure departmental laboratory consumables are stocked and re-ordered.**
4. Perform data analysis and data presentation.
5. Manage research data to ensure that it meets DPA requirements under the guidance and direction of the PI.

6. Undertake routine research duties as directed by research active staff
7. Support of staff research through undertaking laboratory analyses as part of research projects and providing technical field support.
8. Collect and manage data for eventual scientific publication, ensuring meticulous record keeping of research activities.
9. To ensure that laboratory equipment in the work environment is maintained in accordance with technical and health and safety procedures, diagnosing faults and repairing as necessary. █
10. To undertake any other duties as required by the Line Manager

In addition to the above all Edge Hill University staff are required to: adhere to all University policies and procedures; complete all mandatory training and induction modules, including Equity, Diversity & Inclusion and Health & Safety; engage in appropriate learning and development activities; actively participate in performance review; demonstrate excellent customer care; contribute to an inclusive environment for everyone; respect confidentiality; act in a sustainable and environmentally conscious manner; and proactively consider accessibility in all aspects of your work.

Additional information

Pension Scheme: This post is eligible for the Local Government Pension Scheme.

Annual Leave: 22 days per annum, pro rata if part time. Please note, support staff annual leave entitlement increases in line with post grade and length of continuous service.

It is important to note that this job description is a guide to the work you will be required to undertake. It may be changed from time to time to meet changing circumstances. It does not form part of your contract of employment.

It is expected that the post-holder will work flexibly according to the on-going demands of the job.

Eligibility

Candidates should note that shortlisting will be based on information provided on the application form with regard to the applicant's ability to meet the criteria outlined in the Person Specification attached.

Person Specification

Please note that applications will be assessed against the Person Specification using the following criteria, therefore, applicants should provide evidence of their ability to meet all criteria. Where a supporting statement is indicated you will be asked to provide a statement of how you meet this criterion within the application form.

Qualifications

Criteria	Essential or Desirable Criteria	Method of Assessment
Qualified to degree level	Essential	Application

Experience and Knowledge

Criteria	Essential or Desirable Criteria	Method of Assessment
Advanced experience in the use of Microsoft packages, particularly Excel and Word	Essential	Supporting Statement
Experience in cell culture and cell maintenance.	Essential	Supporting Statement
Experience in Western blotting.	Essential	Supporting Statement
Experience in cell viability analyses	Essential	Supporting Statement
Experience in administration and maintenance of stocks of laboratory consumables	Essential	Supporting Statement
Understanding of data management according to a DMP	Desirable	Supporting Statement
Basic understanding of statistical analysis.	Desirable	Supporting Statement

Abilities and Skills

Criteria	Essential or Desirable Criteria	Method of Assessment
Ability to work independently.	Essential	Application and Interview
Ability to work safely in a laboratory environment, following technical and health and safety procedures, including the safe use and routine maintenance of laboratory equipment.	Essential	Application and Interview
Accurate record keeping and attention to detail, with the ability to analyse and present research data clearly for publication and reporting purposes.	Essential	Application and Interview

Candidate Guidance and How to Apply

At Edge Hill University we value the benefits a rich and diverse workforce brings to our community and therefore welcome applications from all sections of society.

For informal enquiries about this vacancy, you may wish to contact: Dr. Carlos P. Rubbi, Senior Lecturer, Edge Hill University, rubbic@edgehill.ac.uk.

When you are ready to start the formal application process, please [visit our Current Vacancies website](#), search for the role you wish to apply for, and select the 'Apply Online' button at the bottom of the job advert. The online application form can be completed in stages and can be revisited at any time. The form automatically saves as you enter your information, and you can move backwards and forwards between individual form sections at any time prior to application submission. Help is available at each stage to guide you through the form. Before final submission, you can preview your application and can then choose to refine or submit the form.

As part of your application, you will be asked to provide details of two referees. Please see our application form for guidance on how to nominate your referees.

Please refer to the advert for the closing date for this vacancy, all applications must be submitted by 11:59pm on this date. Please note that you will receive an automated email from our online recruitment portal to confirm receipt of your application. Please check your spam/junk mail if you do not receive this email.

Following the closing date, we will contact you by email to let you know whether or not you have been shortlisted to participate in the next stage of the selection process. We try our best to inform all applicants within two working weeks following the closing date.

If you are offered the post, the offer will be subject to pre-employment clearance. You will be asked to provide: proof of your right-to-work in the UK; proof of your identity and evidence of your qualifications and professional memberships as referenced as essential or desirable in the person specification for this role. You will also be asked to complete onboarding forms including a pre-employment health questionnaire to support the University make appropriate adjustments to support you in the role. The University will also contact the referees you have nominated. Please note that you may be asked for alternative or additional referees as we seek references that cover your previous three years of employment history. Following successful completion of pre-employment clearances (including an Enhanced Disclosure and Barring Service check, as relevant, please see job advert) a start date will then be arranged with you.