**PERSON SPECIFICATION (PS)**

This form lists the essential and desirable requirements needed in order to do the job.

|  |  |  |  |
| --- | --- | --- | --- |
| **Job Title:** | Post-doctoral Research Associate in Vascular Cell Biology | **Job ref no:** | CBS-0259-24 |
| **Grade:** | 6 | **Department:** | Comparative Biomedical Sciences |
| **Accountable to:** | Dr Isabel Orriss | **Responsible for:** | N/A |
| **PS created by/ or reviewed by:** | **Dr Isabel Orriss** | **Date PS created/ reviewed:** | September 2024 |

|  |  |  |
| --- | --- | --- |
| **Evidence** | | |
| **Competency** | **Essential** | **Desirable** |
| **Knowledge and Experience** | A PhD in Cell Biology or a related discipline  Extensive experience of cell culture techniques & pathway modulation  Experience of developing, optimising and validating novel cell culture methods  Experience of working with vascular-derived cells  Knowledge of vascular biology | Experience of working with models of vascular calcification  Experience in histology  Molecular biology experience (e.g. qPCR, RNASeq) |
| **Planning and Organisation** | Able to manage own time and use initiative without close supervision.  Excellent organisational skills, able to meet deadlines and prioritise.  Ability to follow standard procedures to gather data, maintaining standards of  Health and Safety and Good Research Practice. |  |

|  |  |  |
| --- | --- | --- |
| **Analysis & Research** | Experience of writing reports of research findings.  Experience of statistical analysis of data and ability to prepare data for publication in good quality scientific journals.  Record of contribution to publications in peer-reviewed journals. | Experience of working with large datasets / bioinformatics analyses |
| **Communication** | Ability to communicate effectively with academics, research staff, support staff and students.  Competence in scientific communication, evidenced by an established record of peer-reviewed publications and conference presentations.  Good level of literacy, numeracy, and experience of using computers to enter and organise data. |  |
| **Teamwork and Motivation** | Ability to work effectively both  independently and as part of a small team.  Enthusiasm for undertaking high quality research and addressing new challenges in the field. | Experience of mentoring and supervising research students. |