

**Role Profile – Researcher 1A**

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| **Job Title:** | Researcher 1A | **School/Dept.:** | School of Health and Life Sciences/Department of Biological and Biomedical Science |
| **Reporting to:** | Lecturer |
| **Responsible for Line Management of:** | N/A |
| **Main Purpose of Role:** | To contribute to a research project assessing macrophage-driven therapy resistance in Acute Myeloid Leukaemia with Dr Mark Williams from the Molecular Mechanisms and Therapeutics group. |
| **Grade:**  | 6 |
| **Accountabilities/Responsibilities of the role:** |
| 1. Work within research groups to contribute to the successful delivery of research programmes and projects.
2. Conduct research including determining appropriate research methods and contributing to the development of new research methods
3. Contribute to the production of presentations and papers for publication in peer reviewed journals.
4. Conduct literature and database searches and produce critical literature reviews as required.
5. Continually update knowledge in the areas of Acute Myeloid Leukaemia and macrophage biology.
6. Liaise and network internally and externally to exchange information for effective working with research partners
7. Prepare reports and present findings to lead researcher and internal colleagues
8. Plan personal day-to-day work profile to achieve the outcomes of the specified research project/projects.
9. Participate in the work of the research team.
10. Plan, prioritise and organise own workload and significantly contribute and be involved in the planning and organising of research projects and events within the Williams Research Group.
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**Person Specification**

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|  **Expected Criteria****E - Essential or D – Desirable**  | **Assessment Method** |
| **Education & Professional Qualifications** |  |
| E1 – Educated to SCQF Level 10 (Honours degree) in a relevant subject area or discipline. D1 – Educated to PhD level or above in relevant subject area or discipline with significant research project experience. | Application  |
| **Skills, Knowledge & Experience**  | **Assessment Method** |
| E2 – Significant research experience working within a relevant subject area of cell and molecular biology.E3 - Evidence of excellent oral and written communication skills.E4 - Ability to work effectively as part of a team, and the initiative and capacity to work effectively alone.E5 - Proven time management skills and the ability to effectively deliver outputs in a timely manner.E6 - Knowledge of macrophage biology and/or leukaemia/cancer biology.D2 - Working with Leukemic cell lines and primary cells, as well as generating monocyte-derived macrophages.D3 - Experience of developing and analysing 3D co-culture model systems.  | Application form, interview and presentation or work based assessment |
| **GCU Values & Behaviours** | **Assessment Method** |
| * Demonstrates behaviours which are consistent with the **GCU Values** **(Integrity, Responsibility, Creativity & Confidence)**
 | Application form and interview  |

**Generic Activity for Researcher 1A**

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| **Main purpose of the role:** |
| To contribute to specified research project/projects with direction from the lead researcher/researchers, and to facilitate the timeous completion of research projects |
| **Generic Activity: - Please note that the amount of focus on each on these activities will vary between specific roles.** |
| **Research** * Contribute to valuable and successful research ideas and proposals
* Contribute to the production of papers for publication in peer reviewed journals
* Input to the development of research design, including the generation of original ideas based on evidence and findings
* Participate in the work of the research team, applying research resources efficiently and effectively to achieve outcomes
* Make internal and external contacts to develop a research base
* Prepare reports and present findings to lead researcher and research teams
* Conduct literature and database searches and produce reviews of the literature as required
* Build awareness of relevant research area, literature and new developments within areas of research
* Continually update knowledge in area of specialism and develop Personal Development Plans to support own career development

**Learning and Teaching*** Develop and apply research led teaching methods to promote student engagement, application and cognitive development

**Knowledge Transfer & Income Generation*** Contribute to the translation of research findings into practical applications

**Administration & Management*** Co-ordination and effective management of research project resources
* Manage own work profile to achieve the outcomes of the specified research project/projects

**Community engagement & Outreach*** Engage in external networking, community engagement or outreach opportunities

**Organisational Citizenship*** Commitment to University Strategy and Values
* Responsible for co-operating and complying with University and local policies, procedures and processes.
* Commitment to comply with policies, procedures and guidance relating to academic quality and governance, and research integrity
* Commitment to undertake appropriate CPD activity.
* Any other tasks appropriate to the post and in line with School/Department/University requirements.
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| **Core Qualifications/Knowledge/Skills/Experience** |
| * Relevant Master’s degree or other specialist post-graduate qualification or the equivalent level reached through experience
* PhD Awarded (awarded or expected imminently) in relevant subject area (Desirable)
* Sufficient breadth or depth of knowledge to contribute to the research programme and the development of research activities
* Previous study or work experience relating to research area
* Good experience of relevant theoretical frameworks and qualitative and quantitative research methods, collection and analysis
* Demonstrable skill in the ability to summarise and present qualitative/ quantitative data analyses.
* Strong reflective and critical thinking skills, ability to attend carefully to detail.
* Effective interpersonal skills including communication (written and verbal) presentation skills.
* Adaptable, co-operative, self-motivated and willing to learn new skills.
* Good planning and organisational skills, ability to use initiative, proven ability to work to deadlines.
* The ability to work effectively as part of a team, and the initiative and capacity to work effectively alone to agreed priorities.
* Proficient in the use of data packages with excellent IT skills
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