**PROFILE (Example)**

I am a Senior Research Professional (??) and will be available for work in 2022. I am currently investigating the role of xxxx in modifying xxxxx challenges. I am highly skilled in data and statistical interpretation, assessment and analysis. I have collaborated on projects involving xx and xxxx. I am responsible for understanding requirements and defining research projects and timelines for the team and complete all research risk assessments. I am solution and client focussed and I possess excellent management and organizational skills. I am a good communicator and team leader? and foster a collaborative environment working co-operatively with others. I am fluent in xxxxxxxx

**EDUCATION**

**PhD 2015 Biochemistry University of XXX**

**MSc xxx Chemistry xxx**

**BSc Biology xxx**

**CURRENT POSITION**

**Research Scientist 2016 to present:**

I work with xxx to examine how the XXX and XXX respond to XXX challenges; how XXX intervention can modify this and how this response is altered in xxx states. I am currently designing a xxxx to develop a better understanding of how XXXXX

**PROFESSIONAL COMPETENCIES**

**Research Project Management**

* Manage and lead research projects funded by XXXXX
* Write reports and deliver work packages on time and within budget
* Budget preparation (personnel, equipment, travel, consumables)
* Engagement with Sub-contractors e. g. negotiation focussing on value-added results.
* Participating in and leading troubleshooting meetings regarding the projects within the group and with industry collaborators, internal customers and business development.

**Data Analysis**

* *IT Skills:* Microsoft Word, Excel, PowerPoint, EndNote, social media
* Statistical analysis using XXXX Models
* GraphPad Prism, SPSS, ImageJ, Licor Image Lite, Adobe Photoshop and Adobe Illustrator
* Algorithm design and analysis using XXXX and other languages, oriented towards efficiency and generalization.
* Data mining of XXXX, retrieval of information to do xxx functional annotation.
* Daily use of R software packages.

**Problem Solving**

* Strong analytical and critical thinking skills, which support the identification of inconsistencies in research data and subsequent results.
* Combined analytical, computational and data analysis skills to identify data trends and deliver a “full-picture” of experimental results inclusive of interpretation and visualization of complex linked-data.

**Communication Skills**

* Oral presentations of results at monthly project meetings with collaborators and industry partners.
* Oral presentations of results at department seminars and invited external seminars
* Productive relationship with international collaborating groups.
* Writing of grants and progress reports and dissemination of research data in international peer-reviewed journals and conferences.
* Providing technical assistance to students and colleagues.

**Computer Skills and Data Analysis**

* Proficient in the use of Microsoft Word, Excel, PowerPoint, Endnote.
* Data management: experience using data analysis and graphics software: xxxxx

**Leadership and People Development**

* Founder and President of the xxx and xxx
* Train, mentor and manage the researchers and PhD students working on my projects.
* Encourage common values to foster a collaborative efficient environment within the team.
* Provide assistance to students and colleagues.

**Technical Skills**

* Work within the xxx international standard relating to sterilisation, cleaning, disinfection and biocompatibility of samples???
* RNA extraction and analysis by quantitative real-time RT-PCR of human tissue and cell lines.
* Cell culture techniques; including primary cell culture and intestinal organoid culture.
* Microscopy techniques; both immuno-fluorescence, confocal microscopy and real-time video imaging.
* Electrophoresis techniques including SDS PAGE, 2-dimensional electrophoresis and protein purification using preparative electrophoresis.
* Immuno-techniques including western blotting, immuno-precipitation, immuno-affinity chromatography, dot blot, ELISA and MesoScaleDiscovery (MSD) ECL detection system.
* Cell transfection techniques including electroporation, lipofection, pinocytosis.
* Protein purification techniques for protein sequencing.
* Sound knowledge and experience of FDA, GMP and ISO??? Any other medical regulatory requirement knowledge???
* Expertise in microbiology concepts, standards, practices and procedures???
* Experience of biocompatibility testing concepts within the context of ????

**Technical Laboratory Skills**

* Biotechnology/Biochemistry: Protein production, purification and quantification, separation technologies (HPLC, affinity chromatography), SDS-PAGE, enzymatic assays, Western blot, ELISA, ultracentrifugation and sub-cellular fractionation.
* Cell Biology: Aseptic mammalian tissue culture (culture of cell lines e.g., U87, HEK293T, SHY5YSY), media preparation, isolation and maintenance of rat embryonic primary cortical neurons and glia, drug titrations (dose-optimisation), cell-based assays (e.g., Resazurin assay, glycolytic and mitochondrial stress tests using Seahorse XF analyser), fluorescent reporter assays, confocal fluorescence microscopy (live imaging of cells).
* Molecular Biology: DNA/RNA isolation, gel electrophoresis, gene cloning, plasmid isolation, PCR, qPCR, siRNA mediated gene silencing.

**Communication and Outreach**

* Oral presentations of results with collaborators, industry partners and health practitioners.
* Oral presentations of results at seminars and conferences.
* Productive relationship with collaborating groups.
* Writing of grants and progress reports and dissemination of research data in international peer-reviewed journals and conferences.
* Persuading and negotiating with potential collaborators
* Active engagement with the xxxx Centre’s Education and Public Engagement Programme
* Participating in targeted social media strategy and attending and presenting at open days, science festivals and community events.
* Additional training obtained in “xxx”, “xxx” and “xxx” for Researchers and Academics”.

***References available upon request***