Candidate Information

Position:	Research Fellow
School/Department:	Centre for Cancer Research and Cell Biology
Reference:	19/107279
Closing Date:	Thursday 4 April 2019
Salary:	£33,199 - £39,610 per annum (potential to progress to £43,266 per annum through sustained exceptional contribution)
Anticipated Interview Date:	Monday 15 April 2019
Duration:	32 months

JOB PURPOSE:

The work will involve the investigation of the aggressive biology associated with Triple Negative Breast Cancer (TNBC). This is a Breast Cancer Ireland funded position. The post holder will be required to perform a range of cutting edge methodologies, through both in vitro and in vivo modelling of TNBC. The post holder will be an active member of a research project/team assisting in the planning and delivery of the research activity within a specified area, so that the overall research objectives of the project/school are met.

Additionally, the successful applicant will be expected to contribute to the day to day running of the molecular biology labs.

MAJOR DUTIES:

1. To design, develop and execute experiments related to the above described project under the supervision of Dr Paul Mullan.
2. Carry out analyses, critical evaluations, and interpretations using methodologies and other techniques appropriate to area of research.
3. Present regular progress reports on research to members of the research group or to external audiences to disseminate and publicise research findings.
4. Prepare, in consultation with supervisor, material for publication in national and international journals and presentations at international conferences.
5. The appointed individual will be encouraged to formulate, write and submit grants for fellowship awards, project and travel support.
6. To assist with the supervision of postgraduate students, honours or summer students on mini-projects, which will help develop their own supervisory skills.
7. Carry out routine administrative tasks associated with the research project/s to ensure that project/s are completed on time and within budget.
8. Read academic papers, journals and textbooks to keep abreast of developments in own specialism and related disciplines and to maintain awareness of the context of the research project
9. Any other reasonable duties within the general ambit of the post and competence of post holder

Planning and Organising:

1. Plan for specific aspects of the research programme. Timescales range from 1-6 months in advance and contribute to research group planning.
2. Plan own day-to-day activity within framework of the agreed research programme.
3. Plan up from 1-6 months in advance to meet deadlines for journal publications and to prepare presentations and papers for conferences.
4. Coordinate and liaise with other members of the research group over work progress.

Resource Management Responsibilities:

1. Support the development and training of support staff and students by making available their research experience and expertise.
2. Take shared responsibility for the upkeep of lab equipment and replenishment of lab stocks and exercise due diligence when using equipment

Internal and External Relationships:

1. Communicate appropriately with lab colleagues the latest research findings/results.
2. Develop contacts with other labs within the research community at Queen's and look to identify potential cross-discipline collaborations.
3. Work collaboratively with external academic/industrial partners.
4. Join national and international scientifically relevant societies.

ESSENTIAL CRITERIA:

1. Have or be about to obtain a PhD life sciences (biochemistry, molecular biology or related subject).
2. At least 3 years relevant research experience.
3. Experience in molecular biology and protein analysis techniques, including: PCR/cloning, RNA interference, immunoblotting, QPCR, cell cycle analysis, cell line generation using retroviral transduction. Experience in mammalian cell culture.
4. In vivo modelling experience of cancer.
5. Must have published paper(s) in quality journals to a level commensurate with their research experience
6. Ability to contribute to broader management and administrative processes.
7. Contribute to the School's outreach programme by links with industry, community groups etc
8. Possess sufficient breadth and depth of specialist knowledge in the discipline and of research methods and techniques, where appropriate, to work within established research programmes.
9. High level of analytical capability.
10. Ability to communicate complex information clearly
11. Ability to assess and organise resources.
12. Ability to contribute to broader management and administrative processes.
13. Ability to communicate complex information clearly in both oral and written formats.
14. Ability to build contacts and participate in internal and external networks.
15. High level of analytical capability.
16. Ability to assess and organise resources.

DESIRABLE CRITERIA:

1. 1st Class undergraduate degree in life sciences.
2. Masters degree in life sciences.
3. Commitment to professional development, as evidenced by Scientific memberships e.g. AACR.
4. Experience in bioinformatics and in the analyses of high throughput datasets.
5. Experience of phenotypic assays (viability, invasion, esiRNA/siRNA/CRISPR screens).
6. Previous track record of high quality research in the field of cancer biology.
7. Evidence of scientific writing skills.
8. Evidence of participation in training/mentoring of students or junior staff.