



## Candidate Information

<b>Position:</b>	Senior Research Fellow
<b>School/Department:</b>	School of Medicine, Dentistry and Biomedical Sciences
<b>Reference:</b>	23/110727
<b>Closing Date:</b>	Monday 27 March 2023
<b>Salary:</b>	£43,414 - £53,353 per annum
<b>Anticipated Interview Date:</b>	Friday 28 April 2023
<b>Duration:</b>	Fixed Term 48 months, or available until 31/03/2027, whichever is sooner

### JOB PURPOSE:

The Wellcome Wolfson Institute for Experimental Medicine is seeking to appoint an experienced and highly motivated Senior Research Fellow to join the cardiovascular research team. The successful candidate will have a strong track record in cardiac disease research. The candidate should be committed to developing a dynamic, academic career in cardiovascular research, and have excellent communication skills in written and spoken English.

The post is funded as part of the All-Island Congenital Heart Disease (CHD) network, which aims to integrate and build upon existing strengths in paediatric cardiology research across the island of Ireland.

### MAJOR DUTIES:

1. Research:
  - Sustain a personal research plan by managing and undertaking research activities in accordance with a specific project plan in association with the cardiovascular research team.
  - Set research targets and goals and programme of implementation; monitor and manage project finances; manage and supervise the work of research students and assistants; and liaise with funders and other stakeholders internally and externally.
  - Sustain a high-quality publication record by publishing in leading international peer-reviewed journals and by presenting at conferences.
  - Develop research proposals and funding bids either solely or in collaboration with others, including as principal investigator, where appropriate.
  - Negotiate and secure funding in research specialism to support self (and your own research team / colleagues).
  - Supervise, with other academic staff, PhD students during their research programmes and other students undertaking project/dissertation work as appropriate to discipline.
  - Direct, coach and develop research staff, where appropriate.
  - Ensure that research projects are completed on time and within budget.
2. Teaching: In the context of a research focussed role:
  - Contribute to teaching, including student supervision and undertaking associated tasks within own research specialism.
  - Be responsible for practical work where applicable and advise students or colleagues on methods/techniques.
3. Administration/Contribution to Community:
  - Contribute to the School's outreach strategy by developing external links.
  - Develop links with relevant industries and external bodies to encourage technology transfer opportunities and create opportunities for future research projects.
  - Carry out designated administrative duties appropriate to the requirements of a research role.

### ESSENTIAL CRITERIA:

1. Primary Degree.
2. PhD in a relevant subject area.
3. A minimum of three years' research experience at postdoctoral level in a relevant cardiovascular field, ideally with a primary interest in cardiovascular genetics, heart muscle disease and cardiovascular development.

4. Recent, relevant publications in peer reviewed/refereed journals that are recognised internationally as being high quality, commensurate with experience.
5. Research profile which complements the priorities and strengths of the Wellcome Wolfson Institute for Experimental Medicine in cardiovascular research.
6. Experience of developing research methodologies, models, approaches and techniques.
7. Experience of presentations at national and international meetings and conferences.
8. Relevant teaching experience at University Level.
9. Relevant academic administrative/management experience.
10. Ability to advance the research and teaching goals of the School.
11. Ability to strengthen the School's national and international research networks.
12. Ability to negotiate contracts independently or as a leader of a section in major projects.
13. Good presentation skills with the ability to communicate complex information effectively.
14. Good communicator, written and oral.
15. Able to present research and other plans and reports to the wider academic community and non-academic audiences.
16. The ability to organise workload and prioritise competing demands.
17. Ability to manage resources and staff.
18. A team player who can develop effective internal and external links.
19. Leadership capability.
20. Clear commitment to interdisciplinary working including clinical translation of research, and an interest in working closely with clinicians and other healthcare professionals within the All-Island CHD network.
21. Must be prepared to travel.

**DESIRABLE CRITERIA:**

1. Completion of a PGCHET (or equivalent) or HEA membership.
2. Experience of supervising research activities of other Post-Doctoral Fellows or Postgraduate Students.
3. Evidence of having obtained funding from government or private charitable agencies to support independent research.
4. Expertise in the use of novel in vitro and in vivo model systems.