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Imperial BHF CRE Transitional Fellowship (non-clinical) Research Fellow

Department/Division/Faculty:	BHF Centre of Research Excellence/ Cardiovascular/ National Heart and Lung Institute/ Faculty of Medicine
Campus/Location:	White City Campus or Hammersmith Campus
Job Family/Level:	Research Job Family, Research Fellow, (Research salary scale)
Responsible to:	Professor Manuel Mayr
Line management for:	n/a
Key working Relationships (Internal):	Members of the Lab, British Heart Foundation Centre for Excellence, Members of the Vascular Section, and other Section, Institute and College colleagues
Key Working Relationships (External):	Collaborators across other academic institutes and industry
Contract type:	Full time, Fixed term for up to 2 years.

Research Programme

The British Heart Foundation Centre of Research Excellence (BHF CRE) at Imperial College London invites applications to its Transitional Fellowship Programme, open to exceptional postdoctoral candidates with a basic science background. This Fellowship is supporting transition to competitive external funding and emerging independence that will add value to Imperial's cardiovascular research portfolio. We also welcome applications from researchers who already hold an external career development award and wish to combine it with this transitional fellowship as a relocation package.

This is a fantastic opportunity to embark on a path to leadership with the support of world-leading research centre. The BHF CRE is based across Imperial College London's Hammersmith and White City campuses and comprises four research themes that focus on:

- population cardiovascular health,
- the factors driving heart adaptation during disease development,
- endothelial resilience,
- developing personal monitors of cardiovascular health.

Further information on the research themes: <https://www.imperial.ac.uk/bhf-research-excellence/>.

Recruitment is open to expertise in all relevant areas including discovery science and molecular mechanisms of disease. The proposed research project will be hosted by one of our BHF CRE Principal Investigators and should be developed in liaison with your sponsor.

Applicants must apply online via [Imperial's jobs website](#) and include CV, research plan, statement on career intention, and a letter of support from a BHF CRE Principal Investigator confirming agreement to act as sponsor.

Purpose of the Post

The Imperial BHF CRE sponsor and senior staff members will support the successful candidate in developing a research project intended to enable competitive applications to external schemes such as e.g. the Wellcome Career Development Award, BHF Discovery Research Future Leaders Fellowship, and the UKRI Future Leaders Fellowship.

Key Responsibilities

To lead and undertake research of the highest quality in the broad area of discovery science and molecular mechanisms of disease.

- Publish research papers in peer-reviewed journals
- Attend and present work at international conferences
- Obtain research grants from national and international funding bodies, and obtain funding from industry where appropriate
- Supervise postdoctoral researchers, postgraduate students and undergraduate research projects

Management:

- To appropriately manage the resources allocated to their funding.

Teaching:

- Teach undergraduate and postgraduate courses within the regulations of the awarding body of the funder.

Research Duties:

- To continue to develop a personal programme of research, developing research proposals and funding bid and being successfully awarded them.
- To take initiatives in the planning and leading of research
- To manage research projects
- To direct the work of small research teams, supervising and taking responsibility for the research team

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- To write reports for submission to research sponsors
- To present findings via publications to referred journals and to colleagues at conferences
- To provide guidance to staff and students
- To attend relevant workshops and conferences as necessary
- To develop contacts and research collaborations within the College and the wider community
- To promote the reputation of the Group, the Department and the College

Education:

- Teach and examine courses to all levels: undergraduate, master's and higher research degrees, through lectures, seminars, course work, tutorials and personal supervision
- Assist in the administrative duties involved in teaching including examining and the development of learning and teaching in general
- Develop course proposals and contribute to curriculum development
- Develop approaches to teaching and learning which are innovative and reflect developing practice elsewhere
- Supervise and provide pastoral care for all students

Other Duties:

- To undertake appropriate administration tasks
- Contribute to departmental management as required
- Monitor and ensure effective management of assets and budgets allocated as part of the role
- To be responsible for ensuring that data is accurate, up-to-date and complete.
- To attend relevant meetings
- To undertake any necessary training and/or development

Person Specification

Requirements

Candidates/post holders will be expected to demonstrate the following:

**Essential (E)/
Desirable (D)**

Education

PhD in cardiovascular or a closely related discipline	E
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Knowledge & Experience

Knowledge of cardiovascular science	E
A record of high-quality publications in international peer-reviewed journals	E
Experience of the supervision of research of undergraduate/postgraduate students	E
Experience of presenting results and findings to specialist and non-specialist audiences	E
Demonstrated success in delivering research results with evidence of national recognition and a growing reputation	E
Demonstrated appropriate technical skills to perform research in the field and to design, plan and lead high quality original research	E

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Evidence of having made a significant contribution to writing proposals and securing external funding commensurate with your career stage	E
A strong interest in interdisciplinary working and translational research	E
Interest in widening participation and outreach activities	E

Skills & Abilities

Ability to develop and apply new concepts; Able to formulate research questions and develop successful research proposals and funding bids	E
Creative approach to problem-solving	E
Excellent verbal communication skills and the ability to deal with a wide range of people	E
Excellent written communication skills and the ability to write clearly and succinctly for publication	E
Ability to direct the work of a small research team and motivate others to produce a high standard of work	E
Ability to organise own work with minimal supervision; ability to work effectively, both independently and collaboratively to meet deadlines	E
Willingness to work as part of a team and to be open-minded and cooperative	E
Flexible attitude towards work	E
Discipline and regard for confidentiality and security at all times	E
Willingness to undertake any necessary training for the role	E
Willingness to travel both within the United Kingdom and abroad to conduct research and attend conferences	E

Further Information

Please note that job descriptions cannot be exhaustive, and the post-holder may be required to undertake other duties, which are broadly in line with the above key responsibilities.

[Our values](#) are at the root of everything we do and everyone in our community is expected to demonstrate Imperial:

- Respect
- Collaboration
- Excellence
- Integrity
- Innovation

Employees are also required to comply with all Imperial policies and regulations.

We are committed to equality of opportunity, to eliminating discrimination and to creating an inclusive working environment for all. We encourage candidates to apply irrespective of age, disability, marriage or

civil partnership status, pregnancy or maternity, race, religion and belief, gender reassignment, sex, or sexual orientation. You can read more about our commitment [on our webpages](#).

Imperial is a proud signatory to the San-Francisco Declaration on Research Assessment (DORA), which means that in hiring and promotion decisions, we evaluate applicants on the quality of their work, not the journal impact factor where it is published. For more information, see <https://www.imperial.ac.uk/research-and-innovation/about-imperial-research/research-evaluation/>

Imperial believes that the use of animals in research is vital to improve human and animal health and welfare. Animals may only be used in research programmes which are ultimately aimed towards finding new treatments and making scientific and medical advances, and where there are no satisfactory or reasonably practical alternatives to their use. Imperial is committed to ensuring that, in cases where this research is deemed essential, all animals in our care are treated with full respect, and that all staff involved with this work show due consideration at every level. [Find out more about animal research at Imperial.](#)

[October 2026]