

---

**IMPERIAL COLLEGE LONDON / ROYAL BROMPTON HOSPITAL**

**Post-doctoral Research Associate, Cardiovascular Magnetic Resonance**

Imperial College is ranked within the top ten universities of the world, according to the 2018 Times Higher Education Supplement league tables.

We wish to recruit a highly motivated post-doctoral Research Associate to join a team of physicists working on ways to increase the speed, accuracy and robustness of cardiovascular magnetic resonance imaging techniques headed by Professor David Firmin. The post is located in the Cardiovascular Research Centre of Royal Brompton Hospital in Chelsea, in the heart of London. Royal Brompton Hospital has 4 MR scanners dedicated to cardiovascular imaging, 3 at 1.5 Tesla and 1 at 3 Tesla.

The research post is funded through a project grant awarded to Dr Jenny Keegan by the British Heart Foundation, the grant remit being to develop arrhythmia insensitive MRI for assessment of native, surgical and post-ablation scar tissue in patients with heart rhythm disturbance. It is funded for 36months.

You will have a recent PhD in magnetic resonance imaging with extensive experience of MRI sequence development and a good knowledge of MRI physics. You should have a proven research track record through peer review publications and conference presentations. You will also have excellent communication, organisational and time management skills and a creative approach to problem solving, together with the ability to work constructively and effectively within the team.

Training may be provided within post.

The post holder will hold an actual contract with Imperial College London and an honorary contract with Royal Brompton and Harefield NHS Foundation Trust.

For informal enquires and details of how to apply, please contact Dr Jenny Keegan - email: [j.keegan@rbht.nhs.uk](mailto:j.keegan@rbht.nhs.uk)

To apply, please see full listing on [jobs.ac.uk](https://jobs.ac.uk).