Research Associate - A153715R

Newcastle University - Faculty of Medical Sciences - Institute of Cellular Medicine

Location:    Newcastle upon Tyne  
Salary:     £30,395 to £39,610 per annum.  
Hours:       Full Time  
Contract Type:  Fixed-Term/Contract  
Placed On:   20th September 2018  
Closes:      20th October 2018

Applications website: [link](#)

Position description:
Based in the Newcastle Magnetic Resonance (MR) Centre, you will participate in exciting work at the interface of MR physics and human physiology. The Centre is involved in research across a wide range of clinical areas including Ageing and Dementia, Brain Injury, Cancer, Cardiology, Diabetes, Liver Disease, Respiratory and Neuromuscular disorders.

You will work with Professor Andrew Blamire and Dr Pete Thelwall, to develop and apply novel non-proton imaging and spectroscopy approaches to image brain lithium content and distribution in patients receiving treatment for bipolar disorder via 7Li-MRI on a research-dedicated 3T MRI scanner. You will also work with Newcastle University researchers to develop and apply preclinical MRI methods for biomedical research projects, and analyse resultant data. You will collaborate with an international team for the lithium MRI project, aiding other sites in the setup and delivery of 7Li-MRI scan capabilities.

You will have a PhD (or equivalent in professional qualifications) and have experience in MRI research. Experience with biomedical magnetic resonance techniques are essential and a Home Office personal licence is highly desirable.

The post is fixed term for 2 years.

For informal enquiries, contact Dr Pete Thelwall, [pete.thelwall@ncl.ac.uk](mailto:pete.thelwall@ncl.ac.uk) or Professor Andrew Blamire, [Andrew.blamire@ncl.ac.uk](mailto:Andrew.blamire@ncl.ac.uk).
Newcastle University is committed to being a fully inclusive Global University which actively recruits, supports and retains staff from all sectors of society. We value diversity as well as celebrate, support and thrive on the contributions of all our employees and the community they represent. We are proud to be an equal opportunities employer and encourage applications from everybody, regardless of race, sex, ethnicity, religion, nationality, sexual orientation, age, disability, gender identity, marital status/civil partnership, pregnancy and maternity, as well as being open to flexible working practices.

The University holds a silver Athena SWAN award in recognition of our good employment practices for the advancement of gender equality. The University also holds the HR Excellence in Research award for our work to support the career development of our researchers, and is a member of the Euraxess initiative supporting researchers in Europe.

Further information and application website