

<b>Post Title:</b>	Research Assistant in Neuroscience
<b>Post Status:</b>	24-48 Month Fixed Term Contract, Full-Time
<b>Research Group/Department/School:</b>	Neuroinflammation group, Institute of Neuroscience, TCD
<b>Location:</b>	Lloyd Building, Trinity College Dublin, College Green, Dublin 2, Ireland
<b>Reports to:</b>	Principal Investigator: Professor Marina Lynch
<b>Salary:</b>	Appointment will be made on the IUA research assistant scale (19,665-32,930 pa) at a point in line with Government Pay Policy.
<b>Closing Date:</b>	12 Noon on Friday 15 July, 2016
<b>Position Code:</b>	<b>TCIN_MAL_RA1</b>

Applications are invited from dynamic graduates with an interest in establishing how inflammatory changes impact on brain function. The Science Foundation Ireland-funded project that supports this work is designed to identify the causes and consequences of neuroinflammation in age and in models of Alzheimer's disease and will be conducted under the supervision of Professor Marina Lynch. The research assistant will support the research activities of the team and will provide organisational and administrative support. The research work involves assessment of potential neuroimmune modulatory therapies. The overall plan is to identify novel markers of microglia that can be exploited to develop methods of analysis by magnetic resonance imaging (MRI) and to determine the effects of specific neuroimmune modulators on MRI readouts, behaviour, synaptic plasticity and microglial function and phenotype.

Candidates will be highly-motivated and enthusiastic and will possess-

- BSc/MSc in Neuroscience or a closely-related discipline
- Experience in some of the following techniques: MRI, electrophysiology, behavioural analysis, cell culture, flow cytometry, confocal microscopy, and standard cellular/molecular techniques
- Excellent organisational and operational skills
- A can-do attitude and will be a team player

The successful candidate will be part of a research team based in the Institute of Neuroscience in Trinity College.

Those interested should send a personal statement outlining their research interests and ambitions together with a curriculum vitae, including contact information for 2-3 referees, to Marina Lynch (lynchma@tcd.ie)