

<b>Post Title:</b>	Post-Doctoral researcher in Neuroscience x2,
<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 Postdoctorate Research Fellow Level 2 Salary scale (range €33,975 to €46,255 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_RF1</b>

## POST DOCTORAL FELLOW OPPORTUNITY

Applications are invited from dynamic scientists at post-doctoral level 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. A significant component of the work will involve assessment of potential neuroimmune modulatory therapies and therefore appropriate experience is essential. 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-

- PhD 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
- A track record (publications, conference presentations) commensurate with their career level, that demonstrates research and communication skills
- A can-do attitude and will be a team player
- Operational and project management skills

The successful candidates will be part of a research team based in the Institute of Neuroscience in Trinity College and will have the opportunity to engage with scientists in cognate disciplines in the Institute and more broadly in Trinity College.

Those interested should send a statement of research experience and interests and a curriculum vitae, including contact information for 2-3 referees, to Marina Lynch (lynchma@tcd.ie)