

The Department of Anatomy and Neuroscience, University College Cork present a Symposium

THE HIPPOCAMPUS

IN HEALTH & DISEASE

Monday 15th December 2014, 9:00am-3:00pm

Room G.05, Western Gateway Building, University College Cork

Image Cara Hueston, UCC

with guest speaker

Nobel Laureate John O'Keefe

University College London

SYMPOSIUM PROGRAMME

09:00 **Welcome Address**

Anita Maguire, Vice President for Research and Innovation, University College Cork
Richard Roche, President of Neuroscience Ireland

09:15 **Inflammation and Neurogenesis in the Developing and Adult Hippocampus**

Yvonne Nolan, University College Cork

09:45 **Can inflammatory Changes explain the Deterioration in Hippocampal Function with Age?**

Marina Lynch, Trinity College Dublin

10:15 **MicroRNA regulation of Hippocampal Neuroinflammation and Epileptogenesis by targeting Ion Channels**

David Henshall, Royal College of Surgeons, Ireland

10:45 **Coffee**

11:00 **Alzheimer's Disease: Linking Mechanisms of Ageing and Neurodegeneration**

Cora O'Neill, University College Cork

11:30 **Alzheimer's Disease, Amyloid-beta and Synaptic Function**

Michael Rowan, Trinity College Dublin

12:00 **Lunch**

12:45 **Stress, The Hippocampus and Disease**

John F. Cryan, University College Cork

13:15 **Multiple Maps of the World in the Brain**

Shane O'Mara, Trinity College Dublin

13:45 **The Hippocampus as a Cognitive Map: an Update**

John O'Keefe, University College London

14:45 **Closing Remarks**

17:00 **Honorary Conferring Ceremony in Aula Maxima**

Symposium organisers

Yvonne Nolan & John F. Cryan

SFI Investigator Awardees (SFI/IA/1537)

Registration is Free, please indicate your intention to attend by emailing hippocampus@ucc.ie before Friday 5th December 2014

Further details <http://www.ucc.ie/en/hippocampus/>