



# Irish Neuroscience Conference



Visiting Speaker – Friday, January 8<sup>th</sup>, 2021

## **Professor Mark A Hollywood**



Mark A Hollywood, Professor of Molecular Physiology, Smooth Muscle Research Centre, Dundalk Institute of Technology

Lecture Title: *“LINGO proteins - novel regulatory ion channel subunits involved in tremor?”*

### **Biography**

Prof. Hollywood studied Physiology, as an undergraduate at Queen’s University Belfast (QUB). He then practised as an assistant scientific officer at the Veterinary Research Laboratory, Belfast before returning to undertake research at QUB. He completed his PhD in Smooth Muscle Innervation in 1994 and was appointed to Lecturer and Senior Lecturer at QUB in 1995 and 2001 respectively. In 2005 he moved his team to Dundalk Institute of Technology (DkIT) and became Principal Investigator at the Smooth Muscle Research Centre

His research has focused on ion channels and how they may be characterized and targeted to potentially treat disease. Over the last decade, his work has identified novel modulators of large conductance  $\text{Ca}^{2+}$  activated  $\text{K}^{+}$  channels and resulted in the design, synthesis, and purification of a novel family of openers called the GoSlo-SR family, which were patented in 2018.

Prof Hollywood’s research has attracted more than €13 million (the majority as PI) in funding from charities (Wellcome Trust, Diabetes UK, MRC), both national (SFI, HRB, EI) and international funding bodies (EU, National Institutes of Health, USA) as well as private companies. He has published in high impact, peer reviewed journals resulting in >70 papers, >130 conference communications, 1 patent, 3 book chapters & a webinar. He delivered numerous scientific communications to learned societies, has been invited guest speaker at national and international meetings and in 2014, he delivered the Conway Review Lecture and received the Royal Academy of Medicine Silver Medal.