



BMC-GPMLS: Distinguished lecture series

Professor John Hardy

Department of Molecular Neuroscience
UCL, London, UK

Title: "Genomics of neurodegeneration"



"My research interests are in the genetic analysis of disease. Historically, we have worked on the genetic analysis of Alzheimer's disease and other dementias. More recently, we have worked on Parkinson's disease and other movement disorders and, most recently on motor neuron disease. Our early studies were on Mendelian forms of disease and these studies continue, but an increasing focus has been on the genetic analysis of complex traits related to disease. Additionally, this latter analysis has made us increasingly interested in population genetics because the risk variants for human traits are likely to be different in different racial groups. In all cases our intention is to

develop an understanding of the underlying genetics of a disorder so we can work with those making cellular and animal models of the disease to help, both in the understanding of disease mechanisms and to help in the search for treatments."

John Hardy is the Head of the Department of Molecular Neuroscience and Chair of Molecular Biology of Neurological Disease at the UCL Institute of Neurology. In recognition of his exceptional contributions to science, he was elected a Fellow of the Royal Society in 2009. In 2015, he was awarded the prestigious Breakthrough Prize in Life sciences.

Time: Monday, January 23rd, 15:00-16:00

Location: Fróði auditorium, DeCode Genetics, Sturlugata 8