



UK Dementia Research Institute

Founding funders:



PhDs in Dementia Research

A competition is being held for PhD places in the UK Dementia Research Institute at Cardiff. Projects covering a range of expertise, including biochemistry, cellular biology and bioinformatics.

Characterising DNA damage repair in Huntington's disease.

Prof. Lesley Jones (JonesL1@cardiff.ac.uk)

Alzheimer's disease: Understanding the interaction of microglia risk genes.

Prof. Philip Taylor (TaylorPR@cardiff.ac.uk)

Microglial NFAT signalling and Alzheimer's disease genetic risk networks.

Dr. Matt Hill (Hillm6@cardiff.ac.uk)

Detecting dopaminergic dysfunction in the single-cell gene networks underlying Parkinson's disease.

Prof. Caleb Webber (WebberC4@cardiff.ac.uk)

Role of a mouse ortholog of CR1 (Crry) in the 3xTG model of Alzheimer's Disease (AD).

Prof. B. Paul Morgan (morganbp@cardiff.ac.uk)

Molecular mechanisms of CRISPR Cas9 nickase-induced CAG/CTG repeat contraction: implications for gene editing in expanded repeat disorders.

Prof. Vincent Dion (DionV@cardiff.ac.uk)

Identifying the cell-type specific gene networks operating within the Substantia nigra and their dysfunctions across neurological disease.

Prof. Caleb Webber (WebberC4@cardiff.ac.uk)

Project descriptions: All Projects can be found on www.FindAPhD.com.

Funding Available: We anticipate funding up to 3 studentships (UK Home/residency, Stipend at UKRC rates), which will be awarded to the best students and their choice of project (subject to availability).

Applications: Apply as indicated on FindAPhD.com. Direct any informal enquiries to the primary supervisors (indicated above). Please ensure that you indicate if you are interested in more than one project in your cover letter (you need only submit one application to be considered for multiple projects).

Deadline for applications: 20th March 2019.

Commencement: Projects are anticipated to start 1st October 2019 and are 3 years in duration.