

PhD Opportunities

School of Physiology, Pharmacology and Neuroscience for September 2021

MRC GW4 STUDENTSHIPS FOR 2021/22 INTAKE

Sleep as a lens through which to predict psychiatric risk and translate mechanisms of neural network dysfunction in schizophrenia

Prof M Jones, University of Bristol, Dr M van den Bree

<https://www.findaphd.com/phds/project/sleep-as-a-lens-through-which-to-predict-psychiatric-risk-and-translate-mechanisms-of-neural-network-dysfunction-in-schizophrenia/?p124747>

A genetic risk factor underlying impaired cognitive flexibility and neural plasticity in psychiatric disorders

Prof J Mellor, University of Bristol, Prof J Hall, University of Cardiff

<https://www.findaphd.com/phds/project/a-genetic-risk-factor-underlying-impaired-cognitive-flexibility-and-neural-plasticity-in-psychiatric-disorders/?p124718>

BBSRC SWBIO STUDENTSHIPS FOR 2021/22 INTAKE

Combatting brain and body ageing through exercise

Prof H Piggins, University of Bristol, Dr K Ellacott, University of Exeter

<https://www.findaphd.com/phds/project/combating-brain-and-body-ageing-through-exercise/?p124755>

Merging maths and biology to understand how the dynamics of dentate gyrus circuitry supports memory formation in hippocampus

Prof Z Bashir, Dr C O'Donnell, Dr D Atan, Dr C Houghton University of Bristol

<https://www.findaphd.com/phds/project/merging-maths-and-biology-to-understand-how-the-dynamics-of-dentate-gyrus-circuitry-supports-memory-formation-in-hippocampus/?p124760>

Cerebellar control of cognition via higher-order thalamus

Dr P Chadderton, Dr P Anastasiades, University of Bristol

<https://www.findaphd.com/phds/project/cerebellar-control-of-cognition-via-higher-order-thalamus/?p124761>

Modelling the effect of ageing in silico and on Drosophila and mouse clock neurons

Dr J Hodge, University of Bristol, Prof K Tsaneva-Atanasova, University of Exeter, Prof H Piggins,

<https://www.findaphd.com/phds/project/modelling-the-effect-of-ageing-in-silico-and-on-drosophila-and-mouse-clock-neurons/?p124763>

The role of VTA GABA neurons in reward learning

Dr Paul Dodson, Dr R Ponte Costa, University of Bristol

<https://www.findaphd.com/phds/project/the-role-of-vta-gaba-neurons-in-reward-learning/?p124764>

Exploring joint mechanics and the relationship between shape, strain and cellular behavior through life

Dr C Hammond, Dr E Rayfield, University of Bristol

<https://www.findaphd.com/phds/project/exploring-joint-mechanics-and-the-relationship-between-shape-strain-and-cellular-behavior-through-life/?p124758>

What are they talking about? A study investigating the meanings behind ultrasonic vocalisations

Prof E Robinson, Prof M Mendl, University of Bristol

<https://www.findaphd.com/phds/project/what-are-they-talking-about-a-study-investigating-the-meanings-behind-ultrasonic-vocalisations/?p124769>

Unlocking the psychopharmacology of psychedelics (CASE studentship)

Prof E Robinson, Dr Z Bortolotto, University of Bristol

<https://www.findaphd.com/phds/project/unlocking-the-psychopharmacology-of-psychedelics-case-studentship/?p124767>