

## Research activity

Here is a list of all the research activity pages:

### Generic List

[A \(/research/activity/psychology/aberrant-experience/index.aspx?&stylemediatype=print&AZListing\\_List\\_GoToPage=2\)](#)

#### **[Nanoengineering and Surface Chemistry \(/research/activity/chemical-engineering/energy-chemical/nanoengineering-surface-chemistry/index.aspx\)](/research/activity/chemical-engineering/energy-chemical/nanoengineering-surface-chemistry/index.aspx)**

The nanoengineering and surface chemistry group combine and apply tools and concepts from nanochemistry, supramolecular chemistry, biochemistry and micro- and nanolithography to create sophisticated model substrates for studies of cell behavior and bio- and nanomaterials with applications in medical imaging and catalysis.



#### **[NEO-EXCEL Trial \(/research/activity/mds/trials/crctu/trials/neo-excel/index.aspx\)](/research/activity/mds/trials/crctu/trials/neo-excel/index.aspx)**

Index page for the NEO-EXCEL trial at the University of Birmingham.



#### **[Network meeting documents - INFLAME project consortium only \(/research/activity/inflame/consortium-only/meeting-docs/index.aspx\)](/research/activity/inflame/consortium-only/meeting-docs/index.aspx)**



#### **[Neurocognition of Aberrant Experience and Belief \(/research/activity/psychology/aberrant-experience/index.aspx\)](/research/activity/psychology/aberrant-experience/index.aspx)**

Aberrant / anomalous experience and beliefs are a core feature of several common neurological and psychiatric disorders, such as migraine, epilepsy and psychosis. They are also experienced by "healthy" individuals, either in attenuated form, or with lower frequency. Understanding the origin and nature of these experiences and beliefs, and their role in health as well as ill-health requires that they be understood at multiple levels of description from the neurological, to the functional/cognitive, to the phenomenological. This unique initiative unites researchers who are working at each of these levels, with different age groups, and with both healthy and disordered populations into a coherent approach.



#### **[Neurodegenerative Diseases \(/research/activity/mds/domains/cardio-resp-neuro/neurodegenerative-diseases/index.aspx\)](/research/activity/mds/domains/cardio-resp-neuro/neurodegenerative-diseases/index.aspx)**

Our team works on a wide range of topics relating to acute and chronic neurodegenerative diseases. Current research programmes concern the genetics and cellular pathology of neurodegenerative diseases such as Alzheimer's disease, Parkinson's disease, Motor Neurone Disease, Multiple Sclerosis and Glaucoma.



#### **[Neuroendocrine Immune Networks in Ageing \(NINA\) \(/research/activity/mds/projects/ii/nina/index.aspx\)](/research/activity/mds/projects/ii/nina/index.aspx)**

Neuroendocrine Immune Networks in Ageing (NINA). A research project in the School of Immunity and Infection, NINA will study how age-related changes to the Immune, Endocrine and Central Nervous Systems converge to give ill health in old age.



#### **[Neurological Conditions \(/research/activity/mds/projects/HaPS/PCCS/cv/research/neurological/index.aspx\)](/research/activity/mds/projects/HaPS/PCCS/cv/research/neurological/index.aspx)**



#### **[Neuronal Networks Research Group \(/research/activity/mds/domains/cardio-resp-neuro/neurotrauma/neuronal-networks/index.aspx\)](/research/activity/mds/domains/cardio-resp-neuro/neurotrauma/neuronal-networks/index.aspx)**

Information on the Neuronal Networks Research Group lead by Professor Attila Sik, Section of Neurotrauma and Neurodegeneration, School of Clinical and Experimental Medicine, The University of Birmingham



#### **[Neuropsychiatry Research Group \(/research/activity/mds/domains/cardio-resp-neuro/neurotrauma/neuropsychiatry/index.aspx\)](/research/activity/mds/domains/cardio-resp-neuro/neurotrauma/neuropsychiatry/index.aspx)**

Information on the Neuropsychiatry Research Group lead by Dr Andrea Cavanna, Section of Neurotrauma and Neurodegeneration, School of Clinical and Experimental Medicine, The University of Birmingham



#### **[Neuropsychology research - School of Psychology \(/research/activity/psychology/neuropsychology/index.aspx\)](/research/activity/psychology/neuropsychology/index.aspx)**

Cognitive neuroscience and neuropsychological research is largely conducted in the Behavioural Brain Sciences (BBS) Centre at the University of Birmingham.



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