

Charlie WILSON



Charlie Wilson comes from Preston in the North West of England, and was educated at the University of Oxford. After a degree in Psychology, Philosophy and Physiology he completed a DPhil (PhD) in the laboratory of Prof David Gaffan, and then continued to work in Oxford with Prof Gaffan and also in collaboration with Dr Mark Baxter.

His research to date has been loosely based around the integration of memory into cognition, and on how the brain encodes the temporal organisation of events. This has included investigation into the roles in memory of the medial temporal lobes and prefrontal cortex. He has also studied the contrasting networks in the brain that deal with the acquisition

and retention of episodic memories.

More recently his research has focussed on the role of cortico-cortical interactions in the brain, as a way of moving beyond the understanding of the functions of single brain regions and towards the understanding of whole networks. This has included experiments on the integration of information between the two hemispheres of the brain, and also on the interaction between inferotemporal cortex and prefrontal cortex. His final project in the UK looked at the role of the interactions of parietal cortex and their role in episodic memory.

Charlie moved to Lyon in March 2010 to work for 2 years on an exciting project with Dr Emmanuel Procyk (Stem Cell and Brain Research Institute, INSERM U846), investigating the neurobiology of executive functions, in particular in relation to dopamine.

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