



Position Available: Wellcome Trust Funded Post-Doctoral Scientist (Research Associate)

The *Laboratory of Comparative Neuropsychology* is seeking applications from outstanding candidates for post-doctoral work on the neurobiology of ventral fronto-temporal networks for cognitive and language-related learning. The positions are funded by a recent Wellcome Trust award on "*Neuronal mechanisms for extracting communication signals and signalling sequences: from animal models to humans*".

The ideal candidate will possess a PhD in neurobiology, or a related field, have a strong track record and experience with animal behaviour, electrophysiology and/or functional MRI. This project will study the neuronal level function and connectivity of a ventral fronto-temporal network that will be linked to the one in humans that supports voice-recognition or receptive language computations. Strands of this work will also be conducted in stroke patients with language disorders in collaboration with Newcastle, Cambridge and Reading University neurologists and research speech therapists. An experienced candidate is being sought for this challenging but potentially important project.

The successful applicant has an ideal opportunity to join an active research group that relies on emergent technologies to pursue questions at the core of the disciplines of evolutionary biology and neuroscience. Our research group is a part of the [Institute of Neuroscience \(IoN\)](#), at Newcastle University in the United Kingdom. IoN is one of a few places in the world with the capability to conduct comparative studies on brain function with functional magnetic-resonance imaging (fMRI) technology, cutting edge neurophysiology and cortical manipulation (such as microstimulation and pharmacological inactivation). Newcastle in the North East of England is a socially friendly coastal area with high quality of life and a reasonable cost-of-living. The gem in the area is the University and Hospital system, which support the current project.

Supervisor: [Dr Christopher Petkov](#)

Duration: Appointment is contingent on successful annual progress and appointment can be for up to 5-6 years or for a shorter length of time.

Closing date: Actively recruiting now until position has been filled.

Value of the Award: The salary is commensurate with post-doctoral experience (approx. £25,000-30,000). Qualified international applicants are encouraged to apply.

How to Apply: Preliminary application enquiries are strongly encouraged. Please email your CV, cover letter and a list of 3-5 references to chris.petkov@ncl.ac.uk. Formal application and submission of these documents might be invited via a University recruitment web-link.

Further Information: To find out more about the position, the project, Newcastle and the lab work please contact chris.petkov@ncl.ac.uk or browse the laboratory website: <http://www.staff.ncl.ac.uk/chris.petkov>.