

Postdoctoral Research Assistant - Queen Mary University of London

Postdoctoral Research Assistant - QMUL11942

Department: School of Biological & Chemical Sciences

Salary: £36,064 (Grade 5)

Reference: QMUL11942

Date posted: 11-Sep-2017

Closing date: 12-Oct-2017

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Overview:

A Postdoctoral Research Assistant position is available at Queen Mary University of London (QMUL) as part of a joint project between QMUL, University of Trento, Italy and the University of South California, USA funded by the Human Frontiers Scientific Program. The project 'Imaging the neurobiology of numerosity- the evolution of counting' seeks to use zebrafish as a model to unravel the neural basis of non-symbolic number cognition.

This particular research position will focus on the characterization of the ontogeny of numerosity discrimination in wild type and mutant zebrafish. You will work together with 2 PhD students and a post-doctoral scientist within the School of Biological and Chemical Sciences at QMUL under the direct supervision of Dr. Caroline Brennan, but will also closely collaborate with the research group of Profs. Giorgio Vallortigara and Scott Fraser at the Mind Brain Institute, Trento, and the Translational Imaging Centre, Los Angeles, respectively.

The candidate will be the leading zebrafish neuroscientist on the project and in charge of generation and characterisation of targeted loss-of function mutant lines. You will provide mutant lines with differential behavioural abilities to partners for further behavioural and imaging analysis. The project aims at gaining a better understanding of the evolution and neural basis of human numerosity. The ideal candidate for this position should have a PhD in neuroscience. Experience in the generation of targeted loss-of-function mutants and zebrafish developmental analysis would be desirable. A track record of peer-reviewed publications is essential.

This is a full-time, fixed term post available for a period of 3 years. The start date is 1/12/2017. The starting salary is £36,677 per annum and is inclusive of London allowance. Benefits include 30 days annual leave, final salary pension scheme and an interest-free season ticket loan.

Candidates must be able to demonstrate their eligibility to work in the UK in accordance with the Immigration, Asylum and Nationality Act 2006. Where required this may include entry clearance or continued leave to remain under the Points Based Immigration Scheme.

Informal enquiries for further information are welcomed and may be made to Dr. Caroline Brennan, email: c.h.brennan@qmul.ac.uk or Tel +44 (0)20 7882 6357

For further information about the School, please see <http://www.sbcs.qmul.ac.uk>.

To apply, please click on the link below.

Application enquiries should be directed to recruitment@qmul.ac.uk

The closing date for applications is 12 October 2017. Interviews will be held shortly thereafter.

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