

JOB DESCRIPTION

<p>Job Title : Post-doctoral position in Neurosciences: electrophysiology and behavior in mice</p>
<p>Job Summary :</p> <p><i>A full-time post-doctoral position in Neurosciences is available in Chantal Mathis' group in the Laboratory of Cognitive and Adaptive Neurosciences (LNCA, UMR7364, Strasbourg, France). The research project concerns the neural circuits involved in different stages of a recognition memory task in mice. Behavioral, optogenetic and electrophysiological approaches will be combined to characterize and modulate the dynamics of inter-structure dialogs. Therefore an expertise in at least two of these approaches is required. The position is funded for 12 to 18 months by a University of Strasbourg IdEx (initiative of excellence) support which requires that the successful candidate obtained its PhD in a different university and after the 1st of January, 2012.</i></p>
<p>Job Description :</p> <p><i>The Laboratory of Cognitive and Adaptive Neurosciences (LNCA, UMR7364) headed by Jean-Christophe Cassel is a research intensive department of the University of Strasbourg characterized by a dynamic community of scientists driven by the desire to understand biological bases of cognition with diverse perspectives from genes to behavior (web site: www.lnca.fr). The LNCA group "Neurobiology of Cognitive Decline" headed by Chantal Mathis is seeking a post-doctoral fellow with a PhD in Neurosciences or related fields. The position is fully funded for 12 to 18 months by a University of Strasbourg IdEx (initiative of excellence) support which requires the PhD to be obtained in a different university and after the 1st of January, 2012. The position follows standard French academic research salaries.</i></p> <p><i>The research project of this fellowship concerns the neural circuits involved in different stages of a recognition memory task in mice. Behavioral, optogenetic and electrophysiological approaches will be combined to characterize and modulate the dynamics of inter-structure dialogs through local field potential oscillatory activities in freely moving animals. Therefore, the successful applicant will have strong background in Neurosciences and an expertise in at least two of the following approaches: electrophysiology recordings, optogenetic related techniques and/or learning and memory testing in mice. As the Fellow will be directly involved in the designing of protocols, data collection, data analysis, and writing of scientific article, previous experience in each of these aspects of research is required. Candidates should ideally be able to apply to a Marie Curie or other fellowships. This post-doctoral position may also serve as a basis to apply for a tenured position.</i></p> <p><i>To apply for this position, please send a curriculum vita with three references and list of publications, as well as a cover letter describing research interest and experience to the supervisor Chantal Mathis (chantal.mathis@unistra.fr) AND the co-supervisor Romain Goutagny (goutagny@unistra.fr).</i></p>
<p>Main research field : Neurosciences</p>

JOB DETAIL

Type of contract : Temporary
Status : Full-time
Company / Institute : Université de Strasbourg
Country : France
City : Strasbourg
Postal Code : 67000
Street : 4 rue Blaise Pascal

APPLICATION DETAILS (mandatory)

Envisaged job starting date : 01/06/2016
Application deadline : 15/04/2016
Application e-mail : chantal.mathis@unistra.fr AND goutagny@unistra.fr