



**The Laboratory of Cognitive and Adaptive Neurosciences (LNCA, UMR7364)** 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](http://www.lnca.fr)). The LNCA group “**ENGRAM**” 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 1<sup>st</sup> of January, 2014.

The aim of the research project is to explore the **therapeutic potential of a newly identified target related to melatonin in the APP KI x Tau KI mice**, a second generation model of Alzheimer’s disease. Behavioral (WT et target-KO mice), pharmacological (original compounds), immunohistological (apoptome microscopy – NeuroLucida) and electrophysiological (oscillatory activity) approaches will be combined to evaluate the efficacy of the treatment and further characterize the mechanisms of action.

The successful applicant will have strong background in Neurosciences, an **experience in working with rodents (preferably mice) and at least one of the following domains: melatoninergetic system, learning and memory processes and/or mouse models of Alzheimer’s disease**. 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 clear advantage.

The position follows standard French academic research salaries and is **available the 1st of June 2018**, although the specific start date is negotiable. To apply for this position, please send a curriculum vita with three references and a list of publications, as well as a cover letter describing research interest and experience to **Chantal Mathis** ([chantal.mathis@unistra.fr](mailto:chantal.mathis@unistra.fr)).