

In vivo electrophysiology and optogenetics to study the role of oxytocin in emotional aspects of pain.

A postdoctoral research position is available starting end of 2014 – beginning of 2015 in the laboratory of Dr. Alexandre Charlet at the Institute for Cellular and Integrative Neurosciences in Strasbourg, France. The position is funded by an USIAS Fellowship to work in an interdisciplinary environment on the involvement of oxytocin in the emotional aspect of pain, in particular by using optogenetics combined with in vivo electrophysiology (Knobloch et al., Neuron, 2012; Juif et al., J Neurosciences, 2013).

Candidate will take part of a dynamic trinational network (www.neurex.org) including laboratories of the universities of Basel and Freiburg. This exceptional situation, at the center of Europe, provides an environment of choice for young scientist through technical as well as theoretical training facilities.

We are looking for an independent, motivated and enthusiastic post-doc with experience in: cortical structures studies; in vivo electrophysiology and virus manipulation. Complementary skills including MatLab programming and in vitro patch-clamp or calcium imaging are welcome. In addition, it is awaited that the candidate writes fellowship grants and mentors Master students.

Candidates should have a PhD in Neuroscience or related discipline, a strong publication record and written and spoken English proficiency.

CV, cover letter and references should be send at **acharlet@unistra.fr**