

Alexandre Charlet, PhD

Group Peptidergic Modulation of Emotions

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OPEN POSITION – Post-Doctoral Fellow

Cellular circuits underlying the neuropeptidergic regulation of emotions



We are looking to hire a motivated postdoctoral fellow in the laboratory of Alexandre Charlet to work on ANR funded projects around cellular circuits underlying the neuropeptidergic regulation of emotions.

Our research interests are focused on the oxytocin modulation of pain and anxiety (Eliava et al., *Neuron*, 2016; Hasan et al., *Neuron*, 2019), with particular emphasis on the involvement of astrocytes in such function (Wahis et al., *bioRxiv*, 2020; ANR GOT grant). In addition, we are now interested in the rising analgesic potential of relaxin (ANR RELAX grant). To tackle these important questions, we use a combination of electrophysiology, calcium imaging and viral vector based manipulation of neuronal and astroglial specific populations.

Candidates should be independent, motivated and very enthusiastic, with strong expertise in either *in vivo* extracellular electrophysiology, *in vivo* or *ex vivo* calcium imaging. Complementary skills including Python programming, *ex vivo* patch-clamp or molecular biology are welcome. Candidate should hold a PhD in Neuroscience or relative disciplines.

Our laboratory belongs to the Institute for Cellular and Integrative Neurosciences, in Strasbourg, France. It is part of a dynamic trinational network including laboratories from France, Germany and Switzerland. This exceptional situation, at the center of Europe, provides an environment of choice for young scientist through technical as well as theoretical training facilities.

Interested applicants should send me an email (acharlet@unistra.fr) and include their current CV, personal statement and contact information for 3 referees.

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Associated to :

