PhD position in the Laboratory of Synaptic Mechanisms / Project on fear learning

This PhD position will be funded by the NCCR Synapsy ("The Synaptic bases of mental diseases"; see https://nccr-synapsy.ch/), and will be available from Oct. 1st 2018 onwards.

Our lab applies state-of-the art in-vivo and ex-vivo optogenetic methods to identify brain areas, and synaptic pathways involved in fear learning, with a focus on amygdala circuits and their upstream brain areas. In this project, brain areas involved in signaling "safety" during- or after fear learning will be investigated.

The ideal candidate will have a Master's degree in Biology, Medicine, Physics or Engineering and prior expertise with techniques like in-vivo / in-vitro electrophysiology and mouse behavior. She/he should be self-motivated and keen on learning and developing novel techniques, as well as on working in a team. The PhD candidate will enrol in the EPFL PhD program Neuroscience (next deadline, May 1st 2018; see http://phd.epfl.ch/neuroscience-openings). For more information, please contact Prof. Ralf Schneggenburger (ralf.schneggenburger@epfl.ch).

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