Postdoctoral position in Neuron-Glia biology

A Postdoctoral position is available in the laboratory of Paola Bezzi in the Department of Fundamental Neurosciences (DNF), University of Lausanne, Lausanne, Switzerland.

We are seeking an outstanding postdoctoral candidate who is interested in astrocyte-neuron interplay during postnatal development. The project is funded by NCCR TranCure (http://www.nccr-transcure.ch/), 15 months renewable. This project has the aim of developing agents that selectively target vesicular transporters in astrocytes in order to test their therapeutic efficacy in selected brain pathologies characterized with increased levels of dopamine such as manic disorders. In the lab we are using multidisciplinary approaches including transgenic disease models, small cell number transcriptomics, calcium imaging, viral mediated gene expression and behavior paradigms to elucidate astrocyte specific alterations driving psychiatric diseases.

The successful applicant should have a PhD degree in biological sciences, a strong background in neurosciences, a broad working knowledge of mouse genetics, stereotactic surgeries in rodents, confocal, 2-photon imaging, and behavioral assays. The candidates should be flexible to work in a variety of experimental preparations (cultured cells, brain slices and in vivo). The successful candidate is expected to work independently in a small team, design experiments and perform research. Good communication skills in English are required.

Starting date is June/July 2017. Interested candidates should submit a statement of research experience and career goals, a current CV and the names of three references to paola.bezzi@unil.ch