Postdoctoral Position in Imaging Sleep Circuits.

The laboratory of Prof. Antoine Adamantidis in the Department of Neurology at the University of Bern is seeking for a highly motivated postdoctoral fellows (position #1) to work in the field of sleep neurophysiology. The project aims at identifying the dynamics and plasticity of subcortical hypothalamic neural circuits governing goal-oriented behaviors (food intake, sex, social reward, aversive behaviors) and their interplay with sleep circuits in rodent (*see Nature 2007; Nat. Neurosci. 2013, 2016, 2018; and Science 2016*).

The ideal candidate must have a recent doctoral degree (PhD) neuroscience, neuro-engineering, or related fields, and, evidence of publication history in the field of sleep or systems neuroscience. Applicants with previous experience in rodent stereotaxic surgery, optogenetics, in vivo calcium imaging (miniscope, LS2PM) and behavioral analysis (e.g., sleep, instrumental learning, reward, fear learning, etc.) will have priority in the selection. Experience with signals analysis (calcium imaging) and computer programming (Matlab, Spike, C++, etc.) will be an advantage. Excellent written and oral communication skills, ability to work independently and together with a research team, and aptitude to mentor undergraduate and graduate students are also necessary attributes.

The Tidis Lab offers solid scientific and technical expertise in system neurosciences together with a highly collaborative environment within the Zentrum fur Experimentelle Neurologie (ZEN) and the University.

To apply: Please send your application package (CV, letter describing your scientific interests, contact of three references) by email to Prof. Antoine Adamantidis (antoine.adamantidis@dbmr.unibe.ch) or Claudia Wille (Claudia.wille@insel.ch). Screening of applications will begin immediately and the position will remain open until filled. Only selected applicants will be contacted for interview.