

# **Post-doc Position**

**at the Center for Brain Research, Med. Univ. Vienna, Austria  
in the lab of Thomas Klausberger**

A Post-doc position is available at the Center for Brain Research, Med. Univ. Vienna, Austria in the lab of Prof. Thomas Klausberger for a period of 3 years initially.

The lab of T. Klausberger investigates how identified neurons in the prefrontal cortex and hippocampus contribute to network operations, oscillations and cognitive behaviour. The techniques used include in vivo electrophysiology with glass electrodes and silicon probes in freely-moving and head-fixed rodents, cognitive tasks, Ca<sup>2+</sup> imaging, optogenetics, multi-channel spike and local field potential analysis, immunofluorescence microscopy, NeuroLucida 3D reconstructions of neurons and electron microscopy.

The successful candidate should have a PhD, should have a curiosity about cortical circuits and either have a strong scientific background in neuronal circuits and electrophysiology or have a strong computational background in the analysis of networks.

References:

Passecker et al., Neuron 2019

Ciocchi et al., Science 2015

Klausberger & Somogyi, Science 2008

In case of interest, send your application, including CV and a letter describing your scientific interests to [thomas.klausberger@meduniwien.ac.at](mailto:thomas.klausberger@meduniwien.ac.at)

<http://cbr.meduniwien.ac.at/organisation/dept-cognitive-neurobiology/home>