



PhD students wanted!!!

Help us to study depression and describe the role of astrocytes in chronic stress resilience

In particular we want to test the following hypotheses:

1. How astrocytes are actively engaged in resilience to chronic stress
2. GFAP is a key astrocytic molecule engaged in resilience to chronic stress
3. Differences in translated mRNAs between astrocytes in resilient and anhedonic animals influence neuronal functions

We offer Two PhD positions:

- in the Laboratory of Neurobiology at The Nencki Institute
- 1) Identification of astrocyte-specific differentially translated genes between mice resilient and susceptible to chronic stress
- 2) Testing the influence of GFAP on chronic stress resilience in mice and astrocytes function
- Training in many neuroscience techniques: mice behaviour, two-photon imaging, RNA sequencing, various types of microscopy
- Four-year scholarship payed from NCN Grant; ca. 4000 zł/month (after tax) in years 1-2 and ca. 4700 zł/month (after tax) in years 3-4
- Private healthcare (Enel-Med)

We look for:

- Exceptional motivation for scientific research
- Interest in the brain research
- Laboratory experience
- Proficiency in English

Contact: Piotr Michaluk; e-mail: p.michaluk@nencki.edu.pl

Application: <https://warsaw4phd.eu/dla-kandydatow/rekrutacja/>