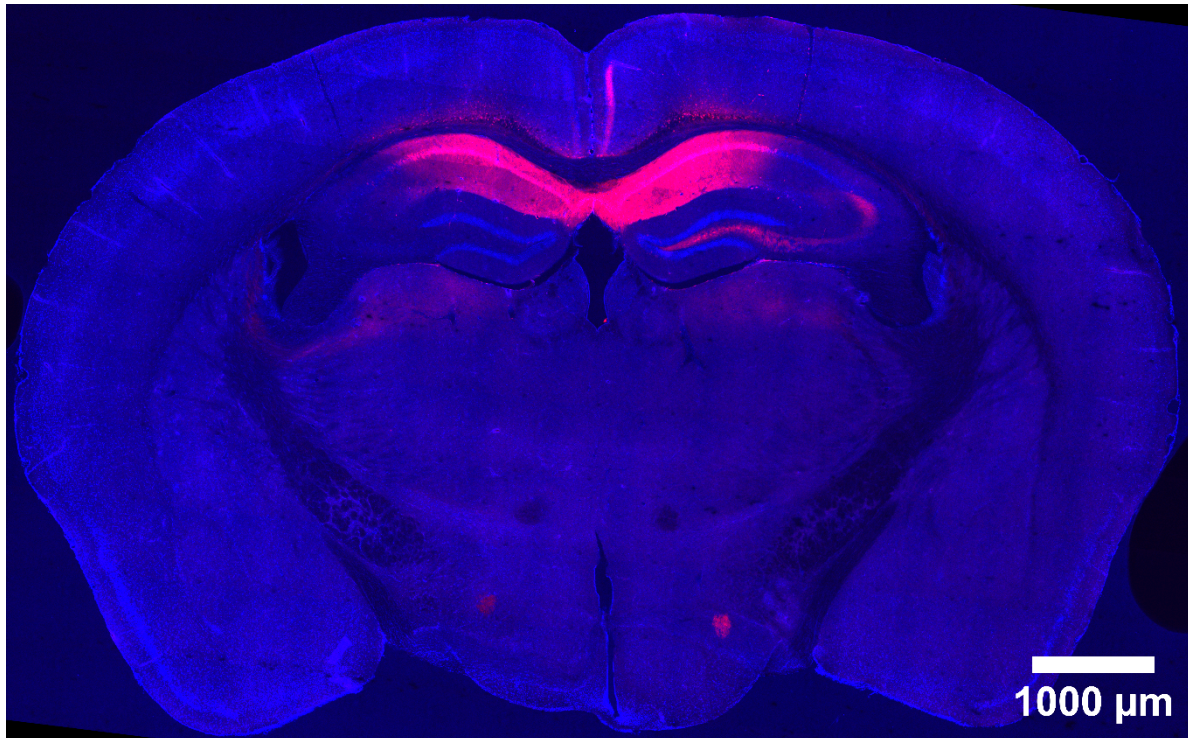


Laboratory of Molecular Basis of Behavior, Nencki Institute of Experimental Biology PAS, headed by Prof. Kasia Radwanska offers a position for a

Postdoctoral researcher in

Neuronal basis of compulsive alcohol consumption



Researcher career profiles (R1-R4): R2

Field of science: neuroscience

A postdoc position in the Laboratory of Basis of Behavior to study neuronal networks that contribute to alcohol use disorder (AUD). Our aim is to look for new molecular and neuronal targets that regulate compulsive alcohol seeking and consumption.

A **Postdoctoral researcher** will study the neuronal basis of AUD in animal models. They will characterize the neuronal networks participating in alcohol seeking using *in vivo* imaging of brain activity with mini-endoscopes, transgenic mouse models, local genetic brain manipulations, and behavioral tasks conducted in close-to-ethologic conditions. Our project aims to provide novel insights into the molecular and cellular mechanisms underlying cognitive impairments that are characteristic for AUD with a focus on the dorsal hippocampus network. This is the bilateral international project involving collaboration with dr. Alessio Attardo group (Germany; Leibnitz Institute for Neurobiology).

Our Laboratory <https://radwanskalab.eu/>

is interested in understanding how the alcohol addiction-related memories are formed. For our experiments we combine molecular, electrophysiological and morphological

analyses of neurons with behavioral studies on laboratory animals. We employ both behavioral analysis of transgenic mice in the IntelliCage system and automated E_maze as well as whole cell patch-clamp electrophysiology, confocal, electron and correlative 3D microscopy. The long-term aim of our research is to develop insights for treatments for behavioral dysfunctions in AUD.

We require:

- Documented experience in behavioral neuroscience, stereotaxic brain surgeries, in vivo brain imaging with fiber photometry or mini-endoscopes, machine learning and Python is not essential, but will be a strong advantage;
- Ph.D. in any relevant area (e.g., neuroscience, biology, or psychology) **NOT earlier than 7 years prior to intended start date**;
- Strong publication record, including at least one first-author publication in a very good journal
- Experience in writing manuscripts for publication, and fellowship or grant proposals
- Vision of your professional growth within ~5 years, including the capacity to apply for fellowship/grant funding within the first year of your employment, with projects that synergize the core strengths of the team with your own ideas
- Proactive approach to achieving objectives, good interpersonal skills, collaborative and adaptive attitude
- Very good organizational skills, especially project and time management skills
- Very good command of English (written and oral communication) and presentation skills

We offer:

- Full-time contract ("umowa o pracę") for at least 24 months, with an intended extension depending on performance to 48 months;
- Gross monthly remuneration: **11 660 PLN (Polish zloty)** /month, net approx. 6000 PLN/month
- Benefits including reduced-rate for an individual medical care package and membership in the MultiSport program
- Work in a multidisciplinary, international team, in a very dynamic organization, with multiple opportunities for professional development, participation in courses, scientific training, support from peers, and academic mentoring
- Administrative and organizational support from professional English-speaking personnel;

Application procedure and deadline:

Required documents:

- scientific CV including your personal data, education, research experience,
- list of publications,
- PhD certificate,
- contact details for two people that can provide recommendations.

Application deadline:

offers will be accepted till November 30th, 2024; the shortlisted candidates will be interviewed

- planned start date: January 3rd, 2025 (flexible).

Documents should be sent to the following address: **postdoc@nencki.edu.pl** with note **“postdoc KR”**.

Application procedure and deadline:**Required documents:**

- scientific CV including your personal data, education, research experience,
- list of publications,
- PhD certificate,
- contact details for two people that can provide recommendations.

Additional information:

Please include the following clause in your CV:

“I give consent for my personal data included in the recruitment form to be processed by Nencki Institute of Experimental Biology PAS with its registered seat in Warsaw at Pasteur Street No. 3 (data controller) for the purposes of recruitment for assistant professor position pursuant to Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC in compliance with a legal obligation to which the data controller is subject to (Art. 6 section 1 letter a) and the Act on personal data protection of 10 May 2018 (Journal of Laws of 2018, item 1000).”

Information Clause

The Controller of data is Nencki Institute of Experimental Biology PAS with its registered seat in Warsaw at Pasteur Street No. 3.

Contact Details of the Personal Data Protection Officer: iod@nencki.edu.pl

Personal data in the recruitment form is collected and will be processed only for the purposes of recruitment for postdoc position conducted by Nencki Institute of Experimental Biology PAS.

Giving consent for processing of your personal data is voluntary; however, it is necessary in order to take part in recruitment. I hereby state that I was informed about the right to withdraw my consent at any time. The withdrawal of the consent does not influence the lawfulness of any processing performed before the consent withdrawal.

Personal data collected in order to perform the recruitment process shall be processed throughout the period of time necessary for the organisation and completion of the recruitment process, as well as for considering a possible complaint; however, not longer than up to Sept 30th 2021.

Personal data will not be transferred to a third party.

You have the right to request the data controller for access to your personal data, to edit or limit its processing, as well as to raise an objection or transfer your data. You are also entitled to file a complaint to the supervisory body (President of the Office for Personal Data Protection).