

Job offer as post-doc in OPUS 2021/4/B/NZ3/00221 project

Job title: Post-doc position in the OPUS project

Method of employment: employment contract, full time

Salary: gross gross 120000 PLN/year (about 26300 Euro); about gross 1689 Euro/month

Expected start date of work: May 2022

Employment period: 32 months renewable for additional 4 month

Institution: Department of Animal Physiology and Developmental Biology, Faculty of Biology, Adam Mickiewicz University Poznań, Poland

Requirements:

- PhD in biology, biochemistry, biotechnology or related (according to the NCN Regulations, as part of the OPUS 21 call for proposals, the applicant had to obtain a PhD in the other institution than Adam Mickiewicz University or completed at least 10-month, continuous and documented postdoctoral internship abroad);
- experience in laboratory work and practical knowledge of basic methods in the field of cell biology and/or biochemistry and/or molecular biology and microscope operation;
- thorough knowledge of cell culture methods (experience with primary cell lines will be an additional advantage);
- scientific achievements documented by publications in journals from the JCR list;
- fluent of spoken and written English;
- ability to work in a team and independence in planning and conducting experiments;

Candidates must meet the formal requirements set out in the NCN regulations for the OPUS 21 call: https://www.ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2021/uchwala12_2021-zal1.pdf

Description of tasks:

A post-doc position is offered as part of the NCN OPUS project: "The influence of insect neuropeptides on bioelectric properties and signal transmission of insect and mammalian excitable cells". The project aims to determine the activity of insect neuropeptides on nerve cells and cardiomyocytes. We intend to assess their impact on the bioelectric properties of cells using biochips for multi-channel data recording (MEA-system) and their impact on the level of intracellular signal messengers using enzyme immunoassay techniques. The research will be carried out on cell lines of neurons and cardiomyocytes derived from insects and mammals. This will additionally determine whether insect neuropeptides are capable of influencing the activity of mammalian cells. Link to the project summary <https://projekty.ncn.gov.pl/opisy/520553-pl.pdf>

As part of the project, the employee will be responsible for the preparation of primary cell lines, the care and maintenance of cell cultures, and conducting experiments with the use of neurons and cardiomyocytes. The intern will also be responsible for analyzing the results of the experiments and

preparing them for publication. We offer work in a young, dynamic team at one of the best Biology Faculties in Poland.

List of required documents:

- motivation letter
- CV including scientific achievements
- list of scientific publications
- reference letter

Selected Candidates will be informed about the date of the interview by e-mail. During the interview, Candidates will be asked to present their current research achievements. Only selected candidates (based on CV assessment) will be informed and invited to an interview. We only accept applications by e-mail.

Address for sending applications and any questions: pmarcin@amu.edu.pl

Deadline for submitting applications: 20/03/2022

Consent clause (please attach the following consent to your application):

Pursuant to Art. 6 (1) (a) and the general regulation on data protection of 27 April 2016 (Journal of Laws UE L 119/1 of 4 May 2016), I consent to the processing of personal data other than those indicated in art. 221 of the Labor Code (first and last names and surname; parents' names; date of birth; place of residence; correspondence address; education; previous employment history) included in my job offer for the purposes of current recruitment.

date and signature

GDPR information clause:

Pursuant to Art. 13 of the general regulation on the protection of personal data of 27 April 2016 (Journal of Laws UE L 119 of 04/05/2016), we would like to inform you that:

1. The administrator of your personal data is the University of Adama Mickiewicza in Poznań with its seat at: ul. Henryka Wieniawskiego 1, 61 - 712 Poznań.
2. The administrator of personal data has appointed a Data Protection Officer supervising the correctness of personal data processing, who can be contacted via the following e-mail address: iod@amu.edu.pl.
3. The purpose of processing your personal data is to carry out the recruitment process for the indicated job position.

4. The legal basis for the processing of your personal data is Art. 6 sec. 1 lit. and the general regulation on the protection of personal data of April 27, 2016 and the Labor Code of June 26, 1974 (Journal of Laws of 1998, N21, item 94, as amended).

5. Your personal data will be stored for a period of 6 months from the end of the recruitment process.

6. Your personal data will not be made available to other entities, except for entities authorized under the law. Access to your data will be granted to persons authorized by