HR EXCELLENCE IN RESEARCH

**ADAM MICKIEWICZ UNIVERSITY, POZNAN**

**ANNOUNCES**

**A COMPETITION**

**for the position of Post-Doc**

**at the Faculty of Biology**
**in the project**

# Compounds of natural origin induced changes in the neuro-endocrine system of beetles - development of new tools for insect population control

**number**

**2023/51/B/NZ3/01550**

## Basic information

1. **Research discipline (research field):**

   **Life Sciences, Biology, Biotechnology or related**

2. **Number of work hours per week including a task-based work schedule (if applicable):**

   **full-time/40 hours per week in a task-based work time system**

3. **Type of an employment contract and expected duration of employment, i.e.: permanent/temporary/fixed-term contract for ..... year/...years**

   **fixed-term employment contract for 48 months**

4. **Anticipated job starting date:**

   **1.11.2024**

5. **Workplace location:**

   **Department of Animal Physiology and Developmental Biology**
   **Institute of Experimental Biology**

**Faculty of Biology, AMU**
**ul. Uniwersytetu Poznańskiego 6**
**61-614 Poznań**

6. **Monthly salary:**

   **8987 PLN gross (2090 Eur)**

7. **Application deadline and process:**

   **Application deadline 20.09.2024**
   **Address for sending applications and possible questions: pmarcin@amu.edu.pl**

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

8. **Required documents**

   - Application form/letter of the candidate;
   - Cover Letter;
   - *Curriculum Vitae;*
   - Diplomas or certificates issued by colleges and universities attesting to education and degrees or titles held (in case of academic degrees obtained abroad - the documents must meet the equivalence criteria set out in Article 328 of the Act of 20 July 2018 Law on Higher Education and Science (Journal of Laws of 2023, item 742 ; Polish: Dziennik Ustaw 2023 poz. 742 z późniejszymi zmianami);
   - Information on the Applicant's research (including list of publications), teaching and organizational achievements,
   - Reference Letter – min. 1
   - Consent to the processing of personal data as follows : *In accordance with Article 6 (1) (a) of the General Data Protection Regulation of 27 April 2016. (OJ EU L 119/1 of 4 May 2016) I consent to the processing of personal data other than: first name, (first names) and surname; parents' first names; date of birth; place of residence (mailing address); education; previous employment history, included in my job offer for the purpose of the current recruitment.";*

**Conditions of the competition determined by the competition committee**

**I) Determination of qualifications: (researcher profile) according to the Euraxess guidelines**

- ☐ **(R1) First Stage Researcher** (up to the point of PhD)
- ■ **(R2) Recognised Researcher** (PhD holders or equivalent who are not yet fully independent)
- ☐ **(R3) Established Researcher** (researchers who have developed a level of independence)
- ☐ **(R4) Leading Researcher** (researchers leading their research area or field)

**II) Job Offer description**

Paweł Marciniak, DSc, is looking for **an employee with a PhD degree (biology or related) for a post-doc position** in the OPUS26 project "Changes in the neuro-endocrine system of beetles induced by compounds of natural origin - development of new tools for insect population control".
The project involves examining the mode of action of new substances of natural origin that can be used in the strategy of the Integrated Pest Management System. On the other hand, insects are increasingly becoming a source of food for pets and farm animals, hence the factors that increase the reproductive efficiency of insects used for food and feed production are of interest. In the project, we are looking for new agents that can control insect populations from two natural sources: insects and plants. We would like to use endogenous insect molecules from the nervous system - neuropeptides and secondary plant metabolites - glycoalkaloids - to influence the functioning of one of the most important regulatory systems in the animals body, which is the neuroendocrine system. We will use large-scale analyses (omics techniques) such as transcriptomics – RNA sequencing, peptidomics – peptide profiling, gene silencing (RNA interference technique) and combine them with various microscopic methods.
If you are interested in working in a dynamic, growing research team, please contact me for more details.
As part of the project, the person employed will be responsible for preparing samples for transcriptomic research, processing and analysis of data from Next Generation Sequencing (NGS). The intern's duties will also include the analysis of the results of experiments and their preparation for publication. We offer work in a young, dynamic team at one of the best Faculties of Biology in Poland.

**III) Requirments and qualifications**

The competition is open to individuals who meet the requirements specified in Article 113 of the Law on Higher Education and Science of 20 July 2018 (Journal of Laws of 2023, item 742, Article 113 as amended) and who meet the following requirements:

1. PhD degree in biology, biochemistry, biotechnology or related (in accordance with the Polish National Science Center Regulations, under the OPUS 26 call, the applicant had to have been awarded a PhD degree in an institution other than AMU or had completed at least 10 months, continuous and documented foreign postdoctoral fellowship, moreover, the obligatory formal criterion for admission to the call is to be awarded a PhD degree in the year of employment in the project or within 7 years before 1 January of the year employment in the project)

Candidates must meet the eligibility requirements laid down in the NCN regulations for the OPUS 26 call
https://www.ncn.gov.pl/sites/default/files/pliki/koszty_edycja_51_pl.pdf

**IV) Required languages**

English – fluent
and/or
Polish – fluent

**V) Required research, teaching or mixed experience**

1. experience in laboratory work and practical knowledge of basic methods in the field of cell biology and/or biochemistry and/or molecular biology;
2. experience in bioinformatics analyses, including analysis of data from next-generation sequencing NGS;
3. scientific achievements documented by publications in journals from the JCR list;
4. experience in presenting the results of scientific research;
5. ability to work in a team and independence in planning and conducting experiments;

**VI) Benefits**

- ✓ an atmosphere of respect and cooperation
- ✓ supporting employees with disabilities
- ✓ flexible working hours
- ✓ funding for language learning
- ✓ co-financing of training and courses
- ✓ additional days off for education
- ✓ life insurance
- ✓ pension plan
- ✓ savings and investment fund
- ✓ preferential loans
- ✓ additional social benefits
- ✓ leisure-time funding
- ✓ subsidizing children's vacations
- ✓ "13th" salary

**VII) Eligibility criteria**

1. List of scientific achievements (publications, participation in scientific conferences, participation in scientific projects)
2. Knowledge of laboratory techniques
3. Knowledge of NGS data analysis methods

**VIII) The selection process**

1. Competition committee begins working no later than 14 days after the deadline for submission of documents.
2. Formal evaluation of submitted proposals.
3. Call to provide additional or missing documents if necessary.
4. Selection of candidates for the interview stage.
5. Interviews for candidates who meet the formal requirements.
6. The committee has the right to request external reviews of candidates' work or to ask candidates to conduct teaching assignments with an opportunity for student evaluation.
7. The chair of the competition committee announces the results and informs the candidates. This information will include justification with a reference to

candidates' strengths and weaknesses. Submitted documents will be sent back to candidates.

## IX) Prospects for professional development

As part of the work in the project team, the employee will have the opportunity to develop new research directions in the field that does not interfere with the work in the project. They will receive support in developing the results of their own research and writing scientific publications or grant applications and participating in scientific conferences.

**RODO Information Clause :**

Pursuant to Article 13 of the General Data Protection Regulation of 27 April 2016. (Official Journal of the EU L 119 of 04.05.2016) we inform that:

1. The controller of your personal data is Adam Mickiewicz University, Poznań with the official seat: ul. Henryka Wieniawskiego 1, 61 - 712 Poznań.
2. The personal data controller has appointed a Data Protection Officer overseeing the correctness of the processing of personal data, who can be contacted via e-mail: 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 Article 6(1)(a) of the General Data Protection Regulation of 27 April 2016 and the Labour Code of 26 June 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, with the exception of entities authorized by law. Access to your data will be given to persons authorized by the Controller to process them in the performance of their duties.
7. You have the right to access your data and, subject to the law, the right to rectification, erasure, restriction of processing, the right to data portability, the right to object to processing, the right to withdraw consent at any time.
8. You have the right to lodge a complaint to the supervisory authority - the Chairman of the Office for Personal Data Protection, ul.Stawki 2, 00 - 193 Warsaw.
9. Providing personal data is mandatory under the law, otherwise it is voluntary.
10. Your personal data will not be processed by automated means and will not be subject to profiling.