

# **ADAM MICKIEWICZ UNIVERSITY, POZNAN**

**ANNOUNCES**

**A COMPETITION**

**for the position of Post-doc**

**at the Faculty of Biology (Department of Microbiology)**

**in the project NCN OPUS pt. „**Comprehensive characterization of Cry9 insecticidal toxins – a vital insight into *Bacillus thuringiensis* biology and a key to progress in biological pest control”

**project number DEC-2024/55/B/NZ9/01386**

**Basic information**

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

Research Field: Biological sciences

1. **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

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

A fixed-term employment contract for 2 years (from November 15, 2025 to October 14, 2027) with the possibility of extension for an additional 2 years.

1. **Anticipated job starting date:**

November 15, 2025

1. **Workplace location:**

Faculty of Biology Adam Mickiewicz University, Poznań

Institute of Experimental Biology

Department of Microbiology

ul. Uniwersytetu Poznańskiego 6

61-614 Poznań

1. **Monthly salary:**

approx. 8987,50 zł (gross salary)

1. **Application deadline and process:**

Application deadline: October 15, 2025  
Applications should be sent via email to [jakbar@amu.edu.pl](mailto:jakbar@amu.edu.pl) with the subject line: **RECRUITMENT\_PostDoc\_2024/55/B/NZ9/01386**

1. **Required documents**

* Application form/letter of the candidate;
* *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 2024, item 1571 ; Polish: Dz. U. z 2024 poz. 1571 t.j.);
* Information on research, teaching, and organizational achievements (including courses, trainings, etc.), as well as an indication of the earliest possible employment start date;
* (optional) copies of obtained patents;
* (optional) copies of English language proficiency certificates;
* 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**

1. **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)

https://euraxess.ec.europa.eu/europe/career-development/training-researchers/research-profiles-descriptors)

1. **Job Offer description**

We are seeking a committed and hardworking postdoctoral researcher to join a research team within the framework of the NCN OPUS project entitled *“*Comprehensive characterization of Cry9 insecticidal toxins – a vital insight into *Bacillus thuringiensis* biology and a key to progress in biological pest control*”* (Principal Investigator: Dr. Jakub Baranek). The project involves the discovery and design of novel Cry9 toxin variants, as well as the characterization of known and newly identified variants, including *in silico* analyses, protein expression and purification, and toxicity assays on the selected invertebrate groups.

The primary responsibility of the new team member will be the production of preparations containing known and novel pesticidal Cry9 proteins (including vector construction, protein expression, and purification), and subsequently conducting toxicity assays on selected invertebrate taxa. Additionally, the candidate will have the opportunity to participate in selected bioinformatic analyses.

The successful candidate will join a dynamic, small research team operating within the Department of Microbiology at Adam Mickiewicz University and collaborating labs. We offer opportunities for scientific development (including publishing in high-impact journals, and participation in conferences and international research internships) as well as experience in numerous research techniques and approaches.

1. **Requirements 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 2024, item 1571 ; Polish: Dz. U. z 2024 poz. 1571 t.j.) and who meet the following requirements:

1. A PhD degree (or higher) in the discipline of biological sciences (in the field of biology or biotechnology)
2. Fulfillment of the formal requirements specified by the National Science Centre (NCN) in the OPUS 28 call regulations, available at:  
   <https://ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2024/uchwala84_2024-zal1.pdf#page=39>

Among these, the candidate must meet one of the following conditions:

* the Principal Investigator of the project has not acted as the supervisor or co-supervisor of the candidate’s doctoral dissertation; or
* the candidate obtained their PhD degree from an institution other than the one where employment in this position is planned, or completed at least a 10-month continuous and documented postdoctoral fellowship at an institution different from the host institution of the project, and in a country other than the one in which the PhD degree was obtained.

1. **Required languages**
2. English language (fluent)
3. Polish language (fluent; will be considered an additional asset)
4. **Required research, teaching or mixed experience**

* The minimum requirement is the fulfillment of several of the following criteria:
  + - * Experience in working with microorganisms.
* Experience in protein expression and purification (experience with bacterial pesticidal proteins will be considered an additional asset).
* Proficiency in basic molecular biology techniques (PCR, DNA electrophoresis, protein electrophoresis, Western blot, etc.).
* Experience in plasmid vector design, construction, and transformation into bacterial cells.
* Experience in using bioinformatic tools for protein and nucleic acid analysis.
* Experience in invertebrate rearing or conducting toxicity assays on invertebrates (preferably insects of the order Lepidoptera).
* Experience in genome sequencing (library preparation, communication with commercial service providers) will be considered an additional asset.
* Experience with patent application procedures will be considered an additional asset.
* Experience in organizing conferences or visits of international researchers will be considered an additional asset.

1. **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

1. **Eligibility criteria**
2. Familiarity with the work environment and laboratory techniques relevant to the project role.
3. Documented scientific experience (publications, conference presentations, etc.).
4. Participation in scientific research projects.
5. Candidate’s availability to commence work.
6. Experience with patent application procedures.
7. Proficiency in bioinformatic tools.
8. Completed trainings and courses.
9. Adequate proficiency in English and Polish.
10. Presentation of the candidate’s experience, skills, and commitment (during the interview).
11. **The selection process**
12. Competition committee begins working no later than 14 days after the deadline for submission of documents.
13. Formal evaluation of submitted proposals.
14. Call to provide additional or missing documents if necessary.
15. Selection of candidates for the interview stage.
16. Interviews for candidates who meet the formal requirements.
17. 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.
18. Other....................
19. 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.
20. **Prospects for professional development**
21. Scientific publications in peer-reviewed journals.
22. Short/mid-term international research visits and conference attendances.
23. Various courses and training programs.
24. Experience in broad range of scientific techniques and approaches.

**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.