

# **ADAM MICKIEWICZ UNIVERSITY, POZNAN**

**ANNOUNCES A COMPETITION**

**for the position of Student/Scholarship/Master’s student**

**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 field:**

Biological sciences

1. **Envisaged job starting date:**

November 3, 2025

1. **Work 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:**

3200 PLN

1. **Application deadline and how to apply:**

Application deadline: October 20, 2025
Applications should be sent via email **to** **jakbar@amu.edu.pl** with the subject line: **RECRUITMENT\_STUDENT\_2024/55/B/NZ9/01386**

**We accept applications exclusively via email.**

1. **Required documents**
* *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.);
* 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. **Job Offer description**

We are seeking a committed and hardworking Student 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 task of the new team member will be **in silico analyses**, including: (a) the genetic background associated with Cry9 toxin determinants in bacterial genomes; (b) protein sequences of known and newly discovered Cry9 toxins; (c) the allergenic potential of the above-mentioned toxins, and (d) other. In addition, the selected candidate will have the opportunity to participate in other aspects of the project, including NGS sequencing of bacterial isolates and heterologous expression of Cry genes.

The qualified candidate will be offered the opportunity to carry out a master’s thesis within a dynamic research team. We provide opportunities for scientific development (publishing in prestigious journals and participation in international conferences).

1. **Requirements and qualifications**

**FORMAL REQUIREMENTS**

1. A second-cycle (master’s level) student holding a bachelor’s/engineering degree, or a 4th-year student of long-cycle studies in bioinformatics, biotechnology, or related fields, enrolled at a university in Poland.

**SUBSTANTIVE REQUIREMENTS (competencies necessary for the implementation of specific tasks in the research project)**

1. Knowledge of bioinformatics research tools for comprehensive genome analysis (detection of ORFs and regulatory elements, annotation, etc.).
2. Knowledge of bioinformatics research tools for proteomic analyses.
3. Programming skills (e.g., Python).
4. Fluency in English.
5. Experience with molecular biology and genetic engineering techniques in the laboratory will be an additional asset.
6. Skills in graphic design will be an additional asset.
7. Documented international scientific visits will be an additional asset.
8. **Eligibility criteria**

The recruitment procedure will be carried out in accordance with the “REGULATIONS FOR AWARDING NCN SCHOLARSHIPS IN RESEARCH PROJECTS FUNDED BY THE NATIONAL SCIENCE CENTRE.”<https://ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2024/uchwala25_2024-zal1.pdf>

The scholarship committee evaluates the candidate’s previous scientific achievements, research outputs, and competencies relevant to the implementation of specific tasks in the research project, including:

a) the candidate’s scientific achievements, including publications in reputable academic publishers/journals

b) research-related accomplishments, scholarships, awards, and scientific experience gained in Poland or abroad, participation in workshops and scientific training, involvement in research projects

c) competencies necessary for the implementation of specific tasks in the research project

The scholarship committee will evaluate candidates in the above areas based on the submitted application documents. The committee may decide to conduct an interview with selected candidates, who will be notified by email.

**IV) Conditions for the Implementation of the Research Scholarship**

1. Conducting a master’s thesis at the Faculty of Biology, Adam Mickiewicz University (Department of Microbiology).
2. Planned and diligent execution of research tasks assigned by the project supervisor.
3. Scholarship agreement for 6 months, with the possibility of extension/amendment (planned up to 20 months).

**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.

**PROCEDURE FOR REPORTING VIOLATIONS OF THE LAW**

Recruitment: Positions and Competitions for Academic Teachers: Information on the internal reporting procedure referred to in the Act of 14 June 2024 on the Protection of Whistleblowers (Journal of Laws, item 928), announced by Regulation No. 5/2023/2024 of the Rector of Adam Mickiewicz University, Poznań of 17 September 2024 concerning the introduction of the Internal Reporting Regulations regarding the breach of law and follow-up actions at Adam Mickiewicz University, Poznań. Below are links to the regulation together with its annexes:

[Ordinance No. 520232024.pdf](https://uam.sharepoint.com/%3Ab%3A/r/sites/7117040000/Dokumenty%20udostpnione/Sygnali%C5%9Bci/Ordinance%20No.%20520232024.pdf?csf=1&web=1&e=GjQbDd)

[Rules for submissions.pdf](https://uam.sharepoint.com/%3Ab%3A/r/sites/7117040000/Dokumenty%20udostpnione/Sygnali%C5%9Bci/Rules%20for%20submissions.pdf?csf=1&web=1&e=q9hTE4)

[Information clause - whistleblowers.pdf](https://uam.sharepoint.com/%3Ab%3A/r/sites/7117040000/Dokumenty%20udostpnione/Sygnali%C5%9Bci/Information%20clause%20-%20whistleblowers.pdf?csf=1&web=1&e=dZkA7w)