

# **ADAM MICKIEWICZ UNIVERSITY, POZNAN**

**ANNOUNCES**

**A COMPETITION**

**for the position of PostDoc**

**at the Faculty of Biology**

**in the project Opus Lap: *PUSH: Unlocking the unused capacity of bacterial metabolism through the rational design of substrate transporters***

**number 2024/55/I/NZ1/01878**

**Basic information**

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

Chemical sciences

Biological sciences

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

Full-time – 40 hours per week

1. **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 12 months with possible extension for another 2 years

1. **Anticipated job starting date:**

January 2026

1. **Workplace location:**

Laboratory of Biomolecular Interactions and Transport, Department of Gene Expression, Institute of Molecular Biology and Biotechnology, Faculty of Biology, Adam Mickiewicz University in Poznań, ul. Uniwersytetu Poznańskiego 6, 61-614 Poznań, Poland

1. **Monthly salary:**

about 8987 PLN gross

1. **Application deadline and process:**

Deadline for submitting offers is September 30, 2025.

Please send your applications or additional questions to prof. Jan Brezovsky: [janbre@amu.edu.pl](mailto:janbre@amu.edu.pl), make sure to include a job reference number in the application. The application should be prepared as a single PDF file in English. Candidates will be selected in an open competition, in accordance with the guidelines of the National Science Center. The competition may be extended until a suitable candidate who fulfills all requirements is found. Only the selected candidates will be invited for an online interview.

1. **Required documents**

* Cover letter describing your motivation;
* *Curriculum Vitae,* including a complete list of publications*;*
* 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 the Applicant’s research, teaching, and organizational achievements;
* A list of the three most significant scientific achievements, containing a brief explanation of why you consider them so;
* Two letters of recommendation - at least one should be from your direct supervisor;
* 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)

1. **Job Offer description**

We are seeking a motivated colleague to fill the open position of a Post-doctoral fellow at the Laboratory of Biomolecular Interactions and Transport ([www.labbit.eu](http://www.labbit.eu/)). The successful candidate will study mechanisms governing the function of sugar transporters using cutting-edge molecular dynamics simulations and AI methods. The acquired knowledge will be crucial to enable the engineering of selectivity and stability of these transporters for biotechnological applications. Collaborate with the experimental team from abroad to deliver the real-world validation.

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

1. have a PhD diploma in Biophysics, Bioinformatics, Computational Chemistry, Biochemistry, or a related field that is recognized/nostrified in Poland, and was awarded within 12 years before 1 January of 2026 (can be extended by evidenced career breaks)
2. documented extensive expertise in MD simulations; experience with enhanced sampling simulation and membrane proteins will be considered as an advantage
3. high motivation and enthusiasm, independence, and reliability
4. moderate scripting skills, preferably in Python; comfortable with Linux OS and HPC
5. fluency in English, both spoken and written
6. **Required languages**
   * + 1. **Language: English**
       2. **Level: fluent**

1. **Required research, teaching or mixed experience**
   * + - have a PhD diploma in Biophysics, Bioinformatics, Computational Chemistry, Biochemistry, or a related field that is recognized/nostrified in Poland, and was awarded within 12 years before 1 January of 2026 (can be extended by evidenced career breaks)
       - documented extensive expertise in MD simulations; experience with enhanced sampling simulation and membrane proteins will be considered as an advantage
       - high motivation and enthusiasm, independence, and reliability
       - moderate scripting skills, preferably in Python; comfortable with Linux OS and HPC
       - fluency in English, both spoken and written
2. **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**

* candidates will be selected in an open competition in accordance with the guidelines of the National Science Center
* candidates will be evaluated according to their:
  + technical competence and fit of the expertise to the position (30%)
  + scientific achievements - publications, awards, grants, etc (30%)
  + breadth & depth of experience - interdisciplinarity, mobility, adaptability (20%)
  + soft skills – leadership, motivation, teamwork, communication skills (20%)

1. **The selection process**
2. The competition committee begins working no later than 14 days after the deadline for submission of documents.
3. Formal evaluation of submitted proposals.
4. Call to provide additional or missing documents if necessary.
5. Selection of candidates for the interview stage.
6. Interviews with the selected candidates.
7. The chair of the competition committee announces the results and informs the candidates. This information will include justification with a reference to the candidates' strengths and weaknesses.
8. **Prospects for professional development**

* Access to the extensive computational resources of Poznan Supercomputing and Networking Center
* Work on pioneering biotechnology applications
* Mentorship from an experienced protein simulation and engineering team
* International collaboration

**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.