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— Mission of AMU —

We create a working environment  
supporting both male and female scientists

— HR Excellence in Research —

## VICE-RECTOR

Acting Vice-Rector for Finance and Research Projects

Adam Mickiewicz University in Poznań

**announces a competition for the position of:**

### Post-doc

at the Centre for Advanced Technologies, designated to work at the Centre for Programmable Polymers in SHAPE project *Evolution of shape-defined macromolecules into functional systems* nr 101116700

### Basic information

1. <b>Competition reference number</b>	ERC Starting Grant No 101116700
2. <b>Research discipline</b> (research field)	Chemical Sciences
3. <b>Number of work hours per week</b> including a task-based work schedule (if applicable)	4/5 of a full-time position, approximately 32 hours per week.
4. <b>Monthly salary</b>	
a. Basic salary	€ 1600 gross
b. Other remuneration components	Supplementary remuneration of €8.26/hour (for a 4/5 position, approximately €950 per month) <a href="#">AMU Remuneration Regulations</a>
5. <b>Type of an employment contract and expected duration of employment</b>	fixed-term employment contract for 12 months

6. <b>Anticipated job starting date</b>	01.09.2026
7. <b>Workplace location</b>	Centre for Advanced Technologies Uniwersytetu Poznańskiego 10, Poznań
8. <b>Work rules</b>	<a href="#">AMU Work Regulations</a>
9. <b>Application deadline and process</b>	Please send your application to szwedalab@gmail.com by 4 July 2026.
10. <b>Required documents</b>	<ul style="list-style-type: none"> <li>■ Application form/letter of the candidate addressed to the Vice-Rector announcing the competition;</li> <li>■ Curriculum Vitae;</li> <li>■ 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 2024 poz. 1571 t.j.);</li> <li>■ Information on the Applicant's research, teaching and organizational achievements,</li> <li>■ Other documents as determined by the competition committee.</li>   <li>■ 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."</li> </ul>

### 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)

<p><b>II. Job offer description</b></p>	<p>The project aims to develop abiotic enzymes capable of selectively catalyzing chemical transformations in non-physiological environments. Unlike natural enzymes, which have evolved to operate under biological conditions, abiotic systems will be designed for broader applications in organic synthesis. Through precise control of monomer sequences, the project focuses on tailoring the shape (SHAPE) of macromolecules to achieve the desired catalytic properties.</p> <p>The research concentrates on the synthesis of sequence-defined polymers, the design of their secondary and tertiary structures through the appropriate selection of monomers, and the introduction of catalytic functionalities to enhance the selectivity and efficiency of chemical reactions. Advanced machine learning techniques will support the analysis of sequence–function relationships, enabling the design and prediction of complex catalytic systems.</p> <p>This innovative approach expands the boundaries of synthetic polymer chemistry by offering a new pathway for creating abiotic enzymes with functionality comparable to that of natural macromolecules, thereby opening new opportunities in organic catalysis.</p> <p>More information about the team’s activities can be found at <a href="http://szwedlab.com">szwedlab.com</a>.</p>
<p><b>III. Requirements and qualifications</b></p>	<p>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, Article 113 as amended) and who meet the following requirements:</p> <ul style="list-style-type: none"> <li>● A PhD degree in chemistry</li> <li>● Experience in laboratory work</li> <li>● Creativity, ability to work in a team, commitment, and motivation to achieve research goals</li> <li>● Fluent command of English</li> </ul>
<p><b>IV. Required languages</b></p>	<p>Language: English</p> <p>Level: Fluent</p>
<p><b>V. Required research, teaching or mixed experience</b></p>	<ul style="list-style-type: none"> <li>● Documented experience in preparative organic synthesis</li> <li>● Knowledge of polymer chemistry will be an advantage</li> </ul>

	<ul style="list-style-type: none"> <li>● Hands-on experience in chromatographic methods (GC, HPLC, Flash)</li> <li>● Knowledge of basic spectroscopic methods used to identify organic compounds (NMR, FTIR, CD, UV-vis, fluorescence)</li> <li>● Ability to design and perform syntheses of organic compounds</li> <li>● Experience in working with an automated synthesizer</li> <li>● Ability to prepare scientific publications and present research results</li> <li>● Proficiency in software such as Origin, Mendeley, MNova</li> </ul>
<p><b>VI. Benefits</b></p>	<ul style="list-style-type: none"> <li>■ an atmosphere of respect and cooperation</li> <li>■ supporting employees with disabilities</li> <li>■ flexible working hours</li> <li>■ funding for language learning</li> <li>■ co-financing of training and courses</li> <li>■ additional days off for education</li> <li>■ life insurance</li> <li>■ pension plan</li> <li>■ savings and investment fund</li> <li>■ preferential loans</li> <li>■ additional social benefits</li> <li>■ leisure-time funding</li> <li>■ subsidizing children's vacations</li> <li>■ "13th" salary</li> <li>■ healthcare package</li> </ul>
<p><b>VII. Eligibility criteria</b></p>	<ol style="list-style-type: none"> <li>1 Scientific excellence</li> <li>2. Research experience in the SHAPEproject</li> <li>3. Communication in English</li> <li>4. Motivation for research work</li> </ol>
<p><b>VIII. The selection process</b></p>	<ol style="list-style-type: none"> <li>1. Competition committee begins working no later than 14 days after the deadline for submission of documents.</li> <li>2. Formal evaluation of submitted proposals.</li> <li>3. Call to provide additional or missing documents if necessary.</li> <li>4. Selection of candidates for the interview stage.</li> <li>5. Interviews for candidates who meet the formal requirements.</li> <li>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.</li> <li>7. Other.....</li> <li>8. The chair of the competition committee announces the results and informs the candidates. This</li> </ol>

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

### 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](mailto: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. 5/2023/2024](#)

[Rules for submissions](#)

[Information clause](#)