

# **ADAM MICKIEWICZ UNIVERSITY, POZNAN**

**ANNOUNCES**

**A COMPETITION**

**for the position of Postdoctoral Researcher**

**at the Center for Advanced Technologies**

**in the research project OPUS titled: “Consequences of posttranslational modifications of HYL1 for plant development.“**

**number UMO-2022/45/B/NZ1/01273**

**Basic information**

1. **Research discipline (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 initially for 6 months, with the possibility of extension for an additional 19 months.

1. **Anticipated job starting date:**

October 1, 2025 (negotiable)

1. **Workplace location:**

Center for Advanced Technologies

Uniwersytetu Poznańskiego 10, 61-614 Poznań, Poland.

1. **Monthly salary:**

~ 8.987,00 PLN gross

1. **Application deadline and process:**

Electronic applications or any additional questions to Dr. Dawid Bielewicz (dawid.bielewicz@amu.edu.pl) by August 31, 2025.

1. **Required documents**

* Application form/letter of the candidate (email);
* Motivation letter (max. 2 pages), describing your research interests, career goals, and fit for this position
* *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 the Applicant’s research, teaching and organizational achievements,
* 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**

* **(R2)** **Recognised Researcher** (PhD holders or equivalent who are not yet fully independent)

Applicants without a doctoral degree may apply, provided they submit their doctoral diploma no later than at the time of signing the employment contract.

1. **Job Offer description**

**Work in a project funded by the National Science Centre in Poland.** The selected candidate will have the opportunity to participate in innovative research aimed at understanding the role of the HYL1 protein in the regulation of gene expression. The research will be conducted at the Centre for Advanced Technologies, Adam Mickiewicz University in Poznań.

**About the project:** In eukaryotic cells, gene expression can be regulated at various stages, from chromatin accessibility, transcription, RNA processing, to translation and protein activity. One of the key sequence-dependent elements regulating gene expression are molecules called microRNAs. MicroRNA biogenesis is a multi-step process involving many proteins. One of the proteins involved in this pathway is HYL1. It binds double-stranded RNA and interacts with DCL1, the main RNase that releases mature microRNAs from their precursors. In the cell, HYL1 protein exists in two different isoforms: phosphorylated and non-phosphorylated. In the OPUS project, we aim to test the hypothesis that the phosphorylated form of HYL1 (currently considered the inactive pool of HYL1) is primarily involved in gene regulation at the transcriptional level. To test our hypothesis, we will use state-of-the-art methods currently applied in molecular biology research, such as next-generation sequencing and fluorescence imaging using confocal microscopy.

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:

Required:

* A doctoral degree in biology, biotechnology, or bioinformatics
* Experience with basic molecular biology techniques, particularly protein identification using mass spectrometry
* Experience with confocal microscopy
* Good command of English, both spoken and written
* High motivation, enthusiasm, and independence in conducting research

Desirable:

* Experience in bioinformatics analyses

1. **Required languages**
2. Language: English
3. Level: good

1. **Required research, teaching or mixed experience**

Teaching experience not required. Required research experience is described in section III.

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. Matching the candidate's scientific profile with the advertisement.
3. Number, scientific level of the candidate's scientific publications.
4. Number, scientific level and of the candidate's scientific conference presentations.
5. Internships and participation in research projects.
6. **The selection process**
7. Competition committee begins working no later than 14 days after the deadline for submission of documents.
8. Formal evaluation of submitted proposals.
9. Call to provide additional or missing documents if necessary.
10. Selection of candidates for the interview stage.
11. Interviews for candidates who meet the formal requirements.
12. 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.
13. **Prospects for professional development**

* Support in developing a scientific career through co-authoring publications in renowned journals
* Assistance in writing grant applications for national and international projects
* Establishing collaborations with prestigious research centers worldwide

**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.