



ADAM MICKIEWICZ
UNIVERSITY
POZNAŃ



Changing the present to make a difference in the future

— Mission of AMU —

Vice-Rector for Finance and Research Projects

School of Natural Sciences

at the Adam Mickiewicz University, Poznań

We create a working environment
supporting both male and female scientists

— HR Excellence in Research —

announces a competition for the position of:

assistant professor (post-doctoral researcher)

at the Faculty of Biology in the project OPUS "Multiomics and functional analyses in type 2 diabetes: targeting altered pathways and metabolic rearrangements." (number UMO-2024/53/B/NZ4/03103)

Basic information

1. Competition reference number	UMO-2024/53/B/NZ4/03103
2. Research discipline (research field)	Biological sciences
3. Number of work hours per week including a task-based work schedule (if applicable)	Full time
4. Monthly salary a. Basic salary b. Other remuneration components	approx. 8987,00 PLN AMU Remuneration Regulations
5. Type of an employment contract and expected duration of employment	Fixed-term full-time employment contract, initially for 6 months, with the possibility of extension depending on performance, until 13 February 2029. During the period of receiving this remuneration, the postdoctoral fellow will not receive any other remuneration from funds awarded as direct costs from research projects financed under NCN competitions and will not receive remuneration from another employer based on an employment contract, including an employer based outside Poland.
6. Anticipated job starting date	January 2027
7. Workplace location	Department of Gene Expression, Institute of Biotechnology and Molecular Biology, Faculty of

	Biology, Adam Mickiewicz University in Poznań, Uniwersytetu Poznańskiego 6 st., 61-614 Poznań, Poland
8. Work rules	AMU Work Regulations
9. Application deadline and process	Please send applications or additional inquiries to Prof. Maciej Łałowski at: maciej.lalowski@amu.edu.pl. Selected candidates will be invited to an online interview. The deadline for submitting offers is 20.11.2026 (recruitment will continue until a suitable candidate is found). Candidates will be selected through an open competition, in accordance with the procedure compliant with the principles of the European Charter for Researchers. The competition will be open until a suitable candidate is found who meets all the requirements.
10. Required documents	■ Application form/letter of the candidate addressed to the Vice-Rector announcing the competition; ■ 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 2023, item 742 Polish: Dziennik Ustaw 2024 poz. 1571 t.j.); ■ Information on the Applicant's research, teaching, and organizational achievements, ■ Other documents as determined by the competition committee. ■ 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 current recruitment."

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)

II. Job offer description

We are looking for a motivated researcher for the position of a postdoctoral fellow at the Laboratory of Stem Cell Biology and Regenerative Medicine, Adam Mickiewicz University in Poznań, in an OPUS project funded by the National Science Center, NCN. The successful candidate will study changes in pancreatic organoids derived from patients with type 2 diabetes using multi-omics techniques.

The research will be conducted using state-of-the-art techniques, including the differentiation of human stem cells into pancreatic beta cells and the production of organoids, advanced genome editing during differentiation, single-cell RNA sequencing, proteomics and lipidomics, functional assays, and microscopic imaging. Mastering all of these techniques is not necessary, as the project will be carried out in collaboration; however, there is an opportunity to learn more about them. The knowledge gained will be crucial for the development of cell and gene therapies for people with diabetes.

The laboratory is located in Poznań at the Institute of Molecular Biology and Biotechnology, Faculty of Biology, Adam Mickiewicz University, which is one of the leading scientific institutions in Poland. This project will be carried out in close collaboration with the team of Prof. Małgorzata Borowiak at Adam Mickiewicz University and with two teams at the University of Helsinki, with the possibility of short-term internships. Our research group is a young, dynamic, and efficiently functioning team focused on cooperation, development, and mutual respect.

Selected publications of the team (prof. Borowiak/prof. Łałowski):

- *Nature*, 2012
- *Nature Chemical Biology*, 2009
- *Nature Biotechnology*, 2008
- *Nature Communications* 2018, 2017a, 2017b
- *Science Translational Medicine*, 2020
- *Cell Reports*, 2018
- *Frontiers in Pharmacology*, 2018
- *Diabetes*, 2020
- *Journal of Clinical Investigation*, 2020
- *EMBO rep*, 2022
- *Frontiers in Cell and Developmental Biology*, 2021, 2023, 2025
- *Nature Commun*, 2023, 2025, 2026
- *Experimental Molecular Medicine* 2023, 2025

III. 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, Article 113 as amended) and who meet the following requirements: - PhD degree in molecular biology, cell biology, developmental biology, or biochemistry <u>Applicants are not required to hold a PhD at the time of application; however, this requirement must be met upon signing the employment contract.</u>
IV. Required languages	Language: English Level: B2
V. Required research, teaching or mixed experience	• Experience in stem cell differentiation, pancreatic physiology, genomic editing using CRISPR/Cas9, or single-cell RNA-sequencing techniques is an asset, • Expertise in multi-omics analyses is highly desirable but not essential, • Publication record, • Scientific curiosity, • High motivation and enthusiasm, independence and reliability, • Ability to work in a team, • Fluent knowledge of English, both written and spoken, • The candidate must meet the criteria specified in the conditions of the NCN OPUS competition.
VI. 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 ■ healthcare package
VII. Eligibility criteria	• Publication record, • Documented knowledge in molecular biology, cell biology, and bioinformatics, • Experience in multi-omics analyses, stem cell differentiation is preferred, • Knowledge of pancreatic physiology, genomic editing using CRISPR/Cas9, or

	single-cell RNA-sequencing techniques is a surplus.
VIII. The selection process	1. Competition committee begins working no later than 14 days after the deadline for submission of documents. 2. Formal evaluation of submitted proposals. 3. Call to provide additional or missing documents if necessary. 4. Selection of candidates for the interview stage. 5. Interviews for candidates who meet the formal requirements. 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. 7. Other..... 8. 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. Submitted documents will be sent back to candidates.
IX. Prospects for professional development	We offer a friendly, dynamic, and supportive environment of co-workers, the opportunity to participate in professional training, thematic seminars, and to take part in the national and international congresses.

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. 5/2023/2024](#)

[Rules for submissions](#)

[Information clause](#)