



**ADAM MICKIEWICZ UNIVERSITY, POZNAN**

**ANNOUNCES**

**A COMPETITION**

**for the position of a senior post-doc / bioinformatician researcher**

**at the Faculty of Biology**

**in the project ' " *Development of an innovative, high-throughput platform for functional screening of human pancreatic endocrine cells* "**

**number FENG.02.03-IP.05-0113/24**

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| <b>Basic information</b> |
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**1. Research discipline (research field):**

Biological sciences

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

half-time, 20 hours/week

**3. Type of an employment contract and expected duration of employment**

Employment contract for a fixed term (until 03.2028). Full-time employment contract, **initially for 6 months with the possibility of extension depending on the results for the remaining 30 months**. During the period of receiving this remuneration, the postdoctoral fellow will not receive any other remuneration from funds granted as direct costs of research projects financed under FNP competitions and will not receive remuneration from another employer on the basis of an employment contract, including an employer with its registered office outside the territory of Poland.

**4. Anticipated job starting date:**

01.02.2026

**5. 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

**6. Monthly salary:**

gross/gross salary of approx. PLN 11,540.00/month for 0.5 (approximately PLN 9,637.55 gross/month). Full-time possible.

## 7. Application deadline and proces:

Please send applications or additional inquiries to prof. Małgorzata Borowiak at: [praca-ibmib@amu.edu.pl](mailto:praca-ibmib@amu.edu.pl). Selected candidates will be invited to an online interview. Deadline for submitting offers **20.12.2025** (recruitment will be conducted until a 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.

## 8. Required documents

- Application form/letter of the candidate;
- *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,
- Two letters of recommendation - at least one should come from the direct supervisor,
- 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 purpose of the current recruitment.

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| <b>Conditions of the competition determined by the competition committee</b> |
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### I) Determination of qualifications: (researcher profile) according to the Euraxess guidelines

- ☐ **(R1) First Stage Researcher** (up to the point of PhD)
- ☒ **(R2) Recognized 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)

Definition of qualification level and professional experience according to Euraxess guidelines <https://euraxess.ec.europa.eu/europe/career-development/training-researchers/research-profiles-descriptors>)

### II) Job Offer description

We are looking for a motivated collaborator for the position of postdoctoral fellow (senior post-doc / bioinformatician) in the Laboratory of Stem Cell Biology and Regenerative Medicine in the TEAM-NET project financed by the Foundation for Polish Science (FNP). The selected candidate will study the molecular mechanisms responsible for the interactions of pancreatic endothelial cells with developing human beta cells, producing insulin.

The research will be conducted using the latest research techniques, such as: culture and differentiation of human stem cells into pancreatic beta cells, creation of pancreatic organoids, advanced genome editing techniques (inhibition and activation of expression) including screening studies, RNA sequencing at the single-cell level, Perturb-seq, functional tests of beta cells, and advanced microscopic imaging and flow cytometry with imaging. It is not necessary to master all of these techniques or bioinformatics analysis, as this project will be

carried out in cooperation, but there is an opportunity to learn more about them. The project will be carried out in cooperation with the University of Warsaw, with the team of Dr. T. Kamiński, an expert in microfluidics, and the Jagiellonian University, with the team of Prof. J. Dulak, an expert in endothelial cell biology. The knowledge gained will be crucial for the development of cell and gene therapy 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. Our team is young, dynamic, efficiently functioning, focused on cooperation, development and mutual respect.

Selected publications of the team (prof. Borowiak):

- *Nature*, 2012
- *Cell Stem Biology*, 2009
- *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
- *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; Polish: Dz. U. z 2024 poz. 1571 t.j.) and who meet the following requirements:

1. Doctoral degree in biological, chemical or other relevant sciences

### IV) Required languages

1. **Language: English**
2. **Level: fluent**

Definition of the language level according to the Euraxess dictionary

### V) Required research, teaching or mixed experience

- **PhD degree** in: molecular biology, cell biology, bioinformatics, biochemistry, medical sciences or other relevant,
- **Documented specialized knowledge** in molecular biology, bioinformatics, and/or experience in high-throughput data analysis, including RNA-seq, knowledge of biostatistics fundamentals
- **Publication record**, including at least one publication as first author. If such a publication is not available, please provide an explanation of the situation
- Scientific curiosity
- High motivation and enthusiasm
- Reliability and independence
- **Ability to work in a team**, fluent English in speaking and writing; the candidate must meet the criteria specified in the TEAM-NET competition requirements, FNP

### 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

## **VII) Eligibility criteria**

1. Publication record
2. Documented knowledge in molecular biology or cell biology
3. Experience in stem cell differentiation, pancreatic physiology, genomic editing using CRISPR/Cas9 or single-cell RNA-sequencing techniques
4. Knowledge of R or experience in bioinformatics data analysis.

## **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. 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.

## **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 participation in 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](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. 520232024..pdf](#)

[Rules for submissions.pdf](#)

[Information clause - whistleblowers.pdf](#)