CALL FOR CANDIDATES

The Dean of the Faculty of Biology, with the consent of the Rector of the University of Warsaw, announces a competition for the position of Assistant Professor in the programme/project/initiative: TEAM NET FENG.02.03-IP.05-0113/24 'Development of an innovative, high-throughput platform for functional screening of human pancreatic endocrine cells'"

About the programme/project/initiative:

Title of the programme/project/initiative	Development of an innovative, high-throughput platform for functional screening of human pancreatic endocrine cells
Type of the programme/project/initiative	TEAM NET FENG
Funding institution	Foundation for Polish Science
Duration of the programme/project/initiative	36 months
Leader of the programme/project/initiative	Dr. Tomasz Kamiński (Leader of the UW project team)
Description of the programme/project/initiative	The development of an innovative, high-throughput platform for functional screening of human pancreatic endocrine cells is the subject of the project. Diabetes is a chronic metabolic disease with a steadily increasing global incidence. The project proposes the use of a novel high-throughput flow system for culturing differentiating pancreatic cells on a microscale, enabling advanced preclinical studies, in vitro diabetes modeling, and more efficient drug testing. The platform developed as part of the project will accelerate, standardize, and increase the precision of research, thereby reducing the costs of developing new therapies for patients with diabetes. The project will be carried out by a consortium formed by Adam Mickiewicz University in Poznań (leader), the University of Warsaw, and the Jagiellonian University in Kraków. The research teams are led by Prof. Małgorzata Borowiak (AMU), Prof. Józef Dulak (JU), and Dr. Tomasz Kamiński (UW).

About the Position:

Position title	Postdoc
Organizational unit	Faculty of Biology
Employee group	Research

Position profile [1]	R2
Scientific discipline [2]	Biological sciences
Number of positions	1
Type of employment & workload	Full-time employment contract
Expected start date & employment duration	Employment starting from 1 July 2025 for 33 months with a possible extending for additional 3 months.
Salary	**Base salary: 14 800–15 200 PLN gross/month**, plus an 8.3% annual bonus and a seniority allowance of 5–20%. **Estimated total net salary: approximately 12 500 PLN (around 3 000 EUR).**
Other work conditions	• Place of work: Institute of Biochemistry of the Faculty of Biology • Career development opportunities: more information is available on the UW Human Resources Office website.
Primary responsibilities	• Conducting scientific research in biological or medical sciences and publishing findings in international scientific journals. • Securing research funding. • Fulfilling other academic teacher responsibilities as required by employment at the University of Warsaw. More details: General scope of duties for academic teachers. Responsibilities within the project implementation: o Culturing and differentiation of pancreatic β-cells from pluripotent stem cells, including cultivation in microreactor format (e.g. https://www.nature.com/articles/s12276-024-01380-2). o Development, implementation and execution of single-cell RNA-seq assays, including interpretation of sequencing data. (e.g. https://www.nature.com/articles/s41587-022-01361-8 or https://www.nature.com/articles/s41467-023-40322-w). o Validation of high-throughput screening results through targeted gene and/or promoter editing (e.g. https://www.science.org/doi/10.1126/science.abq4822?url_ver=Z39.88-2003&rfr_id=ori:rid:crossref.org&rfr_dat=cr_pub%20%200pubmed).
Eligibility criteria[3]	Candidates must: • Meet the requirements specified in Article 113 of the Law on Higher Education and Science (Journal of Laws 2024, item 1571, consolidated text). • Hold a Ph.D. degree in biological sciences or a related field obtained before the application deadline. • Have significant scientific achievements documented by well-cited publications in renowned international journals, invitations to deliver lectures or seminars, etc. • Have international experience, e.g.: participation in international conferences, engagement in international research projects, international collaborations documented by joint publications. • Submit a research plan outlining personal scientific development. • Research competencies in the field of: o Knowledge of microscopy, flow cytometry, cell culture, and molecular biology techniques, including the preparation of genomic libraries for next-generation sequencing (NGS).

[1] To be completed only in the case of a competition for a position in the group of research or research-and-teaching staff.
[2] To be completed only in the case of a competition for a position in the group of research or research-and-teaching staff.
[3] Requirements specified by the Law on Higher Education and Science and the Statute of the University of Warsaw, as well as those necessary for the position.

	○ Experience in sequence data analysis using bioinformatics tools. ○ Experience working with stem cells, particularly induced pluripotent stem cells (iPSCs), is a plus. ○ Additional assets include familiarity with genome editing techniques such as CRISPR/Cas9 and single-cell sequencing methods. If hired, the University of Warsaw must be the primary place of employment for the candidate.
Additional expectations[4]	• Experience in applying for and securing research funding is a plus. • Experience in technology implementation, patenting, and collaboration with industry or the business sector is also desirable.
Candidate evaluation criteria	• Research experience related to the project's subject matter. • Quality of the publication record and, if applicable, patent output. • The outcome of the interview with selected candidates. • Opinions and other information obtained during the recruitment process
The position involves work ~~related~~/not related[5] to activities under child protection regulations.	

Call guidelines:

Reference number of the announcement	WB-KG-10/2025
Keywords	Biological sciences, stem cells, pancreatic islets, microfluidics, high-throughput methods, single-cell analyses
Application deadline[6]	10. 06.2025 r.
How to apply	Send applications via email to k.sienkiewicz@uw.edu.pl and the Faculty Dean's Office: dziekanat.biol@uw.edu.pl. Candidates will receive an email confirmation of document submission. If no confirmation is received, please contact k.sienkiewicz@uw.edu.pl.
Required documents	• Personal questionnaire – available on the Faculty of Biology UW website. • Motivation letter including description of scientific interests and research activity plan. *Ensure the completeness of your application and submit it by the deadline. Failure to meet these requirements will result in rejection on formal grounds.*
This competition is the first stage of the recruitment process. Please familiarize yourself with the open, transparent, and merit-based recruitment policy at the University of Warsaw: *link*	
Expected date and method of announcing the competition results	Interviews will take place 12-17 June 2025. Candidates will be individually notified about their interview schedule with the selection committee. Candidates will be informed of the results via email by 26 June 2025.
Contact for inquiries	For questions regarding the scientific aspects of the project, requirements, or scope of responsibilities, please contact ts.kaminski2@uw.edu.pl (please include the announcement reference number). Applicants requiring accessibility accommodations should indicate their needs in the personal questionnaire, under the section: *Other important information from the candidate.*

About the Faculty / hiring unit:

[4] Additional conditions whose non-fulfillment does not result in a negative formal assessment.
[5] Remove the unnecessary part.
[6] No earlier than 30 days from the date of the announcement's publication.

Research profile of the Faculty	The Faculty conducts research across a broad range of biological sciences disciplines. More details are available on the Faculty website.
Teaching profile of the Faculty	The Faculty offers degree programs in *Biology* and *Biotechnology* and co-organizes programs in *Nature Conservation* and *Bioinformatics & Systems Biology*.
Other information	More details can be found on the Faculty website.

The University of Warsaw follows a whistleblower procedure for reporting legal violations and taking follow-up actions. More information, including data protection policies, is available online: *link*

The University of Warsaw holds the HR Excellence in Research award from the European Commission, recognizing institutions that comply with the European Charter for Researchers.