

*Jagiellonian University in Kraków promotes cooperation and cares for a good atmosphere based on mutual trust. It implements the strategy resulting from The Human Resources Strategy for Researchers, creating stable conditions for employment as well as the development of academic career, which resulted in the award of the HR Excellence in Research by the European Commission*

### **INFORMATION ON SELECTION PROCEDURE**

*Date of selection procedure announcement* Krakow, 04.07.2024

<i>Selection procedure information number given by the Centre for Human Resources</i>	1227.1101.217.2024
<i>Dean of the faculty of /Director of a non-faculty, inter-faculty or common unit</i>	Director of the Malopolska Biotechnology Center Dr Danuta Earnshaw nee Mossakowska, Prof. JU
<i>Address</i>	Gronostajowa 7a 30-387 Kraków

### **RECTOR**

of the Jagiellonian University

announces a selection procedure for the position of an

### **ASSISTANT**

<i>Group of employees</i>	Research staff
<i>JU organisational unit (place of work performance)</i>	KIND Lab Malopolska Centre of Biotechnology JU
<i>Field of science</i>	Science and life sciences
<i>Discipline</i>	Biological sciences
<i>Scope</i>	Molecular biology, cell biology, biochemistry or related fields
<i>Number of posts</i>	1
<i>Type of employment</i>	Employment contract
<i>Working time</i>	Full time
<i>Planned duration of employment</i>	2 years
<i>Expected date of employment commencement</i>	September 2024
<i>Remuneration</i>	according to the <a href="#">Rules for Remunerating Jagiellonian University Employees</a>

<b>Requirements</b>	<p>The selection procedure is open for all individuals, who meet the requirements set out in Articles 113 and 116.2.4) of the Act of 20 July 2018 – Law on Higher Education and Science, and who meet the following eligibility criteria according to § 166 of the Statute of the Jagiellonian University:</p> <ul style="list-style-type: none"> <li>• holding at least a Master's degree, Master of Science degree or an equivalent degree;</li> <li>• exhibiting aptitude for research work.</li> </ul>
<b>Additional requirements and expectations</b>	<p>Ideal candidates:</p> <ul style="list-style-type: none"> <li>• have relevant scientific background in cell biology, molecular biology, biochemistry and/or related fields,</li> <li>• have at least one original scientific publication, in which they are the lead author,</li> <li>• take an active part in scientific life manifested in particular in presentations at conferences and symposia</li> <li>• meet NCN requirements for persons employed in research projects  <a href="https://www.ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2022/uchwala27_2022-zal1.pdf#page=52">https://www.ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2022/uchwala27_2022-zal1.pdf#page=52</a></li> </ul> <p>In addition, the candidate is expected to have prior knowledge and experience in at least one of the following of the listed methods:</p> <ul style="list-style-type: none"> <li>- Experience in animal model-based research, tissue isolation.</li> <li>- Experience in cell culture, confocal microscopy, and flow cytometry.</li> <li>- Experience in tissue isolation/culture.</li> <li>- Experience in standard biochemical methods. (immunoprecipitation/ELISA/Western Blot/qPCR) and/or genome editing (CRISPR/Cas).</li> <li>- Organizational skills and experience in scientific writing, planning, and problem solving.</li> </ul> <p>The ideal candidate(s) will possess:</p> <ul style="list-style-type: none"> <li>- Interest in conducting co-cultures of diverse cell types,</li> <li>- Interest in bioinformatics and data analysis to interpret omics data,</li> <li>- Communicative knowledge of the English language,</li> <li>- Working knowledge of computer programs: MS Word, MS PowerPoint, MS Excel, graphic programs (e.g. Corel Draw).</li> </ul>
<b>Project Title</b>	<p>Smart tissue engineering to change the paradigm of diabetes treatment, OPUS 23 NSC, K/NCN/000113</p>
<b>Project description</b>	<p>The project concerns the study of the effect of kinases on diabetes pathology. Currently, diabetes is divided into two main types: type 1 diabetes (T1D) and type 2 diabetes (T2D). Patients with T1D have a drastic decrease in the number of beta cells (<math>\beta</math> cells) in the pancreas, resulting in impaired insulin secretion and hyperglycemia. In the second disease model (T2D), insulin resistance causes a compensatory expansion of <math>\beta</math>-cells and a dangerous increase in plasma insulin levels. It is worth mentioning that most genes associated with T2D type regulate the mass and/or function of pancreatic secretory cells. A novel therapeutic approach involves attempts to increase the functional mass of pancreatic secretory cells in place of burdensome insulin supplementation. Thus, diabetes is now a chronic disease requiring lifelong maintenance treatment. Natural and long-term regeneration of <math>\beta</math>-cell mass resulting in an actual cure of diabetes is an important milestone we all look forward to. Regenerative medicine is now entering the canon of scientific research and clinical practice. Our work builds on previous discoveries in structural protein biology, low-molecular-weight inhibitors and human organoids derived from induced pluripotent stem cells (iPSCs) to understand the mechanisms of regeneration of pancreatic endocrine cell fractions.</p>

<b>Scope of duties</b>	<p>according to the Work Regulations of the Jagiellonian University Annex 1 to the Work Regulations of the Jagiellonian University – Model scopes of responsibilities and duties of academic teachers</p> <p>The hired person will be responsible for independent coordination of tasks, making rational and logical decisions to solve problems, introducing new techniques and tools. The best selected candidate(s) will be required to learn and optimize on new animal experimental models.</p> <p>Work will include optimizing selected activity assays, performing fluorescence-based experiments and preparing reports. Cultivate and maintain 2D cultures of pluripotent stem cells, 3D cultures study mammalian cell culture responses, optimize islet extraction and in vitro assays. As part of the daily work, the candidate will be expected to coordinate various components of the project, direct and involve PhD students and postdocs in experiments, and adhere to work ethics.</p>
<b>We offer</b>	<ul style="list-style-type: none"> <li>• stable employment based on an employment contract at the renowned university,</li> <li>• cooperation with the interdisciplinary academic community represented by well-known scientists,</li> <li>• scientific support as well as the possibility of qualifications improvement and professional development,</li> <li>• access to research infrastructure,</li> <li>• benefits in the form of i.a. Multisport card, sports activities, medical packages, group insurance,</li> <li>• additional social benefits.</li> </ul>
<b>Required application documents</b>	<ol style="list-style-type: none"> <li>1. resume,</li> <li>2. personal questionnaire filled in by the candidate,</li> <li>3. copy of the master's diploma or a doctoral diploma, if applicable,</li> <li>4. information on the candidate's scientific, teaching and organisational achievements,</li> <li>5. declaration of the candidate, confirming that the Jagiellonian University will be their primary place of work, should they be selected in the selection procedure,</li> <li>6. statement under Article 113 of the Law on higher education and science,</li> <li>7. statement on acknowledging and accepting the rules and regulations concerning intellectual property management and commercialisation in force at the Jagiellonian University.</li> </ol> <p><b>Declaration forms (no. 5-7) and personal questionnaire template (no. 2) can be obtained at:</b>  <a href="https://cso.uj.edu.pl/en_GB/konkursy">https://cso.uj.edu.pl/en_GB/konkursy</a></p>
<b>Additional application documents</b>	<ol style="list-style-type: none"> <li>1. list of publications (along with the respective publishing houses and the number of pages), if any,</li> <li>2. recommendation concerning the candidate's predisposition to work as an academic teacher and research work, including the results of student surveys and evaluations, if the candidate was subject to such evaluation.</li> </ol>
<b>The course of selection procedure</b>	<p>The first stage of the selection procedure is the formal assessment of the submitted documents. Applications which meet all formal requirements are the subject of substantive assessment, during which an interview with the Candidate may be conducted (directly or via electronic communication channels), upon settling the date of the interview with the Candidate. The Candidate has the right to appeal against the negative assessment by the selection board within 7 days from receiving the information about the results of the assessment.</p> <p>The selection procedure is conducted in accordance with <a href="#">The Policy of Open, Transparent and Merit-Based Recruitment Process at the Jagiellonian University</a></p>
<b>Form of submission</b>	<p>by e-mail to the address: <a href="mailto:job.mcb@uj.edu.pl">job.mcb@uj.edu.pl</a>  title: "217.2024 assistant OPUS 23"</p>
<b>Deadline for submission of applications</b>	<p>11.08.2024</p>

<b><i>Expected date of the selection procedure settlement</i></b>	05.09.2024
<b><i>Method of communicating of the results of the selection procedure</i></b>	by e-mail
<b><i>Questions</i></b>	For further information please contact dr Anna Czarna, e-mail address: <a href="mailto:anna1.czarna@uj.edu.pl">anna1.czarna@uj.edu.pl</a> , <a href="mailto:job.mcb@uj.edu.pl">job.mcb@uj.edu.pl</a>

In the selection procedure, the Jagiellonian University follows the principles of the European Charter for Researchers and a Code of Conduct for the Recruitment of Researchers. Jagiellonian University does not provide housing.

On behalf of  
the Rector of the Jagiellonian University

Director of the Malopolska Biotechnology Center  
Dr Danuta Earnshaw nee Mossakowska, Prof. JU

## Personal data processing information for job applicants

According to Article 13 of the Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation – hereinafter GDPR), the Jagiellonian University informs that:

1. The Administrator of your personal data is the Jagiellonian University with its registered office in Gołębia 24, 31-007 Kraków, represented by the Rector of UJ.
2. The Jagiellonian University appointed the Data Protection Officer [www.iod.uj.edu.pl](http://www.iod.uj.edu.pl), Gołębia 24, 30-007 Kraków. The Officer can be contacted by email: [iod@uj.edu.pl](mailto:iod@uj.edu.pl) or at the telephone number 12 663 12 25.
3. Your data will be processed to:
  - a. conduct the recruitment process for the position specified in the above advertisement – as part of the legal obligation of the Administrator under Art. 6 (1) lit c of the GDPR in connection with the Polish Labour Code;
  - b. conduct the recruitment process for the position specified in the advertisement based on your consent under Art. 6 (1) lit a of the GDPR – your consent is granted by the clear action of submitting your CV with the Administrator. The consent to the processing of personal data concerns data that you voluntarily provide as part of your CV, which do not result from Polish Labour Code.
4. The obligation to provide your personal data results from the law (it applies to personal data processed under Article 6 (1) lit c of the GDPR). Failure to provide you personal data will result in your inability to take part in the recruitment process. Submission of personal data processed on the basis of consent (Article 6 (1) lit a of the GDPR) is voluntary.
5. Your data will be processed during the recruitment period. In the event of not concluding the contract with you, your data will be deleted after the recruitment process.
6. You have the right of access to the content of your personal data, as well as the right to correct, delete, restrict processing, transfer, object to processing – on the terms and conditions set out in the GDPR.
7. If the processing is based on consent, you have the right to withdraw the consent at any time, which shall not affect the lawfulness of processing based on the consent given before the withdrawal. Withdrawal of consent to the processing of personal data can be sent by e-mail to: [anna1.czarna@uj.edu.pl](mailto:anna1.czarna@uj.edu.pl) or by post to the following address: Malopolska Centre of Biotechnology JU, Gronostajowa 7A str., 30-387 Cracow, or you can withdraw your consent in person at **Malopolska Centre of Biotechnology JU, Gronostajowa 7A str., 30-387 Cracow.**
8. Your personal data will not be subject to automated decision making or profiling.
9. You have the right to lodge a complaint with the Inspector General for the Protection of Personal Data, if you feel that the processing of your personal data violates the GDPR regulations.