

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, 09.04.2024
Selection procedure information number given by the Centre for Human Resources	1227.1101.125.2024
Director of a non-faculty, inter-faculty or common unit	Head of Malopolska Centre of Biotechnology Dr Danuta Earnshaw Mossakowska, prof. UJ
Address	Malopolska Centre of Biotechnology ul. Gronostajowa 7A, 30-387 Kraków

RECTOR

of the Jagiellonian University

announces a selection procedure for the position of an

ASSISTANT PROFESSOR

Group of employees	Research staff
JU organisational unit (place of work performance)	Malopolska Centre of Biotechnology
Field of science	Natural sciences
Discipline	Biological Sciences
Scope	Virology
Number of posts	1
Type of employment	Labour contract
Working time	Full time
Planned duration of employment	9 months

Expected date of employment commencement	June 2024
Remuneration	according to the Rules for Remunerating Jagiellonian University Employees
Requirements	<p>The selection procedure is open for all individuals, who meet the requirements set out in Articles 113 and 116.2.3) of the Act of 20 July 2018 – Law on Higher Education and Science, and who meet the following eligibility criteria according to § 165 of the Statute of the Jagiellonian University:</p> <ul style="list-style-type: none"> • holding at least a doctoral degree; • having relevant scientific achievements; • taking active part in scientific life.
Additional requirements and expectations	<p>An ideal candidate will:</p> <ul style="list-style-type: none"> • have a master degree in molecular biology or in related fields: biology, biotechnology, microbiology; • be experienced in working with biosafety class 2 infectious material; • be experienced in working with Class 3+ biosafety infectious material (Class 3 droplet-transmitted); • be proficient in English language of at least C1 level to handle scientific literature; • have knowledge of and ability to operate basic computer software; • have documented scientific publications in molecular virology (no less than 2 papers with first authorship in impact factor journals); • have experience in the implementation of scientific projects • have experience in molecular biology • have experience in fluorescence and confocal microscopy • have experience in biochemical techniques routinely used in microbiological laboratories <p>The candidate should meet the requirements arising from the Regulations for granting funds for the implementation of research tasks financed by the National Science Center in the field of research projects, including:</p> <ul style="list-style-type: none"> • obtain a doctoral degree in the year of employment in the project or within a period of 7 years before January 1, 2023 (this period may be extended by the time spent on long-term (over 90 days) documented sickness benefits or rehabilitation benefits due to incapacity for work. Additionally, the period this may be extended by the number of months of leave related to the care and upbringing of children granted on the terms set out in the Labor Code, and in the case of women - by 18 months for each child born or adopted, if this method of indicating breaks in a scientific career is more favorable) • obtain a doctoral degree at an entity other than the Jagiellonian University or complete at least 10 months of uninterrupted and documented postdoctoral training at an entity other than the Jagiellonian University and in a country other than the country of obtaining the doctoral degree, • in the last two years before taking up employment in the project, she was not employed under an employment contract in the entity where the research project will be implemented (employment within the Jagiellonian University)
Project Title	Project OPUS14 (NCN): „Metabolites of Baltic cyanobacteria as natural compound library for high throughput screening and the development of new antiviral drugs”. PSP: K/PBO/000755

Project description	<p>Despite significant progress in medicine, infectious diseases still constitute a major threat to public health and belong to the leading causes of death. Currently, the list of antiviral drugs is limited to only 90 substances, and still there is no cure for more than 200 viral infections. While recurring epidemics of such infectious as measles or chickenpox may pose a threat to public health, the real danger lies in new pathogens that cross borders or/and are transmitted from animals and rapidly spread in the human population. Within this project, the development of new antiviral agents active against coronavirus and flaviviruses is initiated. These viruses pose a major threat, due to the unpredictability of their prevalence and infectious properties. A development of new antivirals is essential to control the existing threats, but also to protect the population in the case of emergence of yet unknown viral variants. In the work, cyanobacterial metabolites as ultra-rich libraries of biologically active compounds will be explored. In preliminary tests, we revealed that extracts from Baltic cyanobacteria constitute a promising source of compounds active against flaviviruses and coronaviruses. The positive results encouraged us to plan more detailed studies with the aim to discover new cyanobacterial antiviral agents (CAAs) and identify their mechanisms of action. To achieve the goals of the project, the following tasks will be implemented: (1) isolation and identification of new antiviral compounds from cultures of Baltic cyanobacteria; (2) construction of CAAs library; (3) determination of CAAs mechanisms of action and (4) assessment of the effects on other targets. We think that planning a synthesis of CAA within this project, without any knowledge about the structure of the compound, would not be feasible. Consequently, the work will have to be based only on natural sources of the CAAs – which is a limiting factor. However, the library of CAAs (compounds and the repository), the results of all performed bioassays and analyses, as well as the data from genome mining – as an outcome of the project – will pave the way for successful drug development in further studies. They should include QSAR (quantitative structure-activity relationship) and optimization of CAA pharmacological properties, development of the most effective method of CCA synthesis, ADME (adsorption, distribution, metabolism, excretion), toxicological tests on animal models and other experiments usually preceding clinical test.</p>
Scope of duties	<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. The candidates duties will be as follows:</p> <p>Assistant professor will conduct research under the project „Metabolites of Baltic cyanobacteria as natural compound library for high throughput screening and the development of new antiviral drugs”. The research will be performed at the Jagiellonian University's Malopolska Centre of Biotechnology. The assistant professor will work with the team involved in the project. This will include laboratory work, experimental setup, and sample processing.</p>
We offer	<ul style="list-style-type: none"> • stable employment based on an employment contract at the renowned university, • cooperation with the interdisciplinary academic community represented by well-known scientists, • scientific support as well as the possibility of qualifications improvement and professional development, • access to research infrastructure, • benefits in the form of a Multisport card, sports activities, medical packages, group insurance, • additional social benefits.
Required application documents	<ol style="list-style-type: none"> 1. CV 2. personal questionnaire for the applicant for employment, 3. copy of the doctoral or postdoctoral diploma,

	<ol style="list-style-type: none"> 4. information on the candidate's scientific, teaching and organisational achievements, 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, 6. statement under Article 113 of the Law on higher education and science, 7. statement on acknowledging and accepting the rules and regulations concerning intellectual property management and commercialisation in force at the Jagiellonian University. <p>Declaration forms (no. 5-7) and personal questionnaire template (no. 2) can be obtained at:</p> <p>https://cso.uj.edu.pl/en_GB/-nauczyciele</p>
Additional application documents	<ol style="list-style-type: none"> 1. full Curriculum vitae 2. list of publications (including publisher and number of citations), 3. review of the doctoral thesis or dissertation - if the Candidate has one, 4. opinion on the Candidate's predisposition and qualifications for scientific work, 5. statement of compliance with the competition requirements, with a detailed description of how each requirement was met.
The course of selection procedure	<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. The selection procedure is conducted in accordance with The Policy of Open, Transparent and Merit-Based Recruitment Process at the Jagiellonian University</p>
Form of submission	<p>by e-mail to the address: job.mcb@uj.edu.pl,</p> <p>title: Assistant Professor_OPUS 17_post-doc_KP - <i>Name and Last Name</i></p>
Deadline for submission of applications	25.04.2024
Expected date of the selection procedure settlement	19.05.2024 at the latest
Method of communicating of the results of the selection procedure	by e-mail
Questions	For further information please contact by e-mail: job.mcb@uj.edu.pl

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
Head of Malopolska Centre of Biotechnology
Dr Danuta Earnshaw Mossakowska, prof. UJ

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, Gołębia 24, 30-007 Kraków. The Officer can be contacted by email: iod@uj.edu.pl or at the telephone number 12 663 12 25.
3. Your personal data will be processed in order to:
 - a. conduct recruitment process for the position specified in the above advertisement – as part of the legal obligation of the Administrator pursuant to Art. 6 (1) lit c of the GDPR in connection with the Polish Labour Code;
 - b. conduct recruitment process for the position specified in the advertisement based on your consent pursuant to 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 your 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: mcb@uj.edu.pl or by post to the following address: **Małopolskie Centrum Biotechnologii, Uniwersytet Jagielloński, ul. Gronostajowa 7A, 30-387 Kraków**, or you can withdraw your consent in person at **Małopolskie Centrum Biotechnologii, Uniwersytet Jagielloński, ul. Gronostajowa 7A, 30-387 Kraków**.
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.