

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, 22.02.2023
Selection procedure information number given by the Centre for Human Resources	1227.1101.64.2023
Director of a non-faculty, inter-faculty or common unit	dr Danuta Earnshaw zd Mossakowska, prof. UJ Director of the Malopolska Centre of Biotechnology
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	Biochemistry / Molecular Biology / Structural Biology
Number of posts	1
Type of employment	Labour contract
Working time	Full time

Planned duration of employment	26 months
Expected date of employment commencement	May 2023
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> <ol style="list-style-type: none"> 1. be highly motivated and interested in natural molecular machines structure and function; 2. have at least 4-year experience in wet laboratory work, preferably involving biochemistry or structural biology; 3. have scientific background in one of the fields related to this project, e.g. molecular biology, biochemistry/gyrase biochemistry, biophysics, structural biology or chemical biology; prior cryo-EM or TEM experience is a plus but not essential; 4. have published at least one scientific article in a peer-reviewed journal as the first author (If you have a special reason not to have a publication, e.g. long-term reviewing process, patent application, etc., please mention it in the application); 5. have a self-development attitude and desire to establish their scientific career in the topoisomerase/structural biology field; 6. be able to work together with colleagues and collaborators as part of the team, to create an atmosphere of trust and respect; 7. be able to teach experimental techniques and scientific methodology to the students; 8. be proficient in spoken and written English; 9. fulfil requirements stemming from Regulations on awarding funding for research tasks funded by the National Science Centre as regards research projects, including: <ol style="list-style-type: none"> a. obtained a doctoral degree in the year of employment in the project or in the period of 7 years before January 1, 2023. (<i>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. In addition, this period 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 Labour Law, and in the case of women - by 18 months for each child born or adopted, if this method of indicating breaks in the scientific career is more favourable.</i>), b. obtained a doctoral degree in an entity other than Jagiellonian University, or completed at least 10-month, continuous and documented post-doctoral internship in an entity other than Jagiellonian University and in a country other than the country of obtaining the doctoral degree, c. prof. Heddle was not a supervisor or assistant supervisor of candidate's doctoral dissertation.
Project Title	Structural basis of transmissible fluoroquinolone resistance
Project description	The successful candidate will work on an NCN-funded project to uncover the molecular mechanisms of novel molecules able to interact with the enzyme DNA gyrase to both inhibit it and give resistance to fluoroquinolone antibiotics. This will uncover vital information about how gyrase works while also giving potential leads for development of new antibacterials to combat the threat of antimicrobial resistance. While working on the project, you will use

	<p>cryo-electron microscopy to study the interactions of proteins and peptides that bind to DNA gyrase including the fluoroquinolone resistance protein MfpA. You will learn relevant techniques of protein production and structural biology techniques, particularly cryo-EM. You will also have the opportunity to participate in <i>in silico</i> drug design, screening and activity testing. The project offers an opportunity to carry out basic molecular biology research (DNA topoisomerase biology) with a real-world impact (antimicrobial drug resistance). You will be working under supervision of Prof. Jonathan Heddle in the laboratory of Bionanoscience and Biochemistry, located at the Malopolska Centre of Biotechnology (www.heddlelab.org) in the beautiful city of Krakow, Poland.</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.</p> <p>The candidates duties will be as follows:</p> <ul style="list-style-type: none"> • You will take care of the main thrust of the project including biochemical and biophysical studies and cryo-EM sample preparation, data collection and analysis, • You will also gain valuable mentoring experience, helping PhD student in their part of the project, • You will also supervise daily work of technicians and help PI to prepare figures and manuscripts for publication.
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 i.a. Multisport card, sports activities, medical packages, group insurance, • additional social benefits.
Required application documents	<ol style="list-style-type: none"> 1. resume, 2. personal questionnaire filled in by the candidate, 3. copy of the doctoral diploma or a diploma confirming the candidate's habilitation degree, if applicable, 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. list of publications (along with the respective publishing houses and the number of pages), if applicable; 2. doctoral dissertation or habilitation dissertation review, if applicable; 3. a letter outlining your interest in the research project and why you think you are a suitable candidate; 4. recommendation concerning the candidate's predisposition of research and teaching work, including the results of student surveys and evaluations, if the candidate was subject to such evaluation.
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</p>

	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.
Form of submission	by e-mail to the address: job.mcb@uj.edu.pl , title: OPUS_20_post-doc - <i>Name and Last Name</i>
Deadline for submission of applications	08.03.2023
Expected date of the selection procedure settlement	24.03.2023 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
dr Danuta Earnshaw, prof. UJ
Director of the Malopolska Centre of Biotechnology

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.