

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, 02.04.2024
Selection procedure information number given by the Centre for Human Resources	1217.1101.123.2024
Dean of the faculty of /Director of a non-faculty, inter-faculty or common unit	Prof. dr hab. Wojciech Macyk
Address	2 Gronostajowa St, Cracow 30-387

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)	Faculty of chemistry Inorganic Chemistry Department
Field of science	Natural sciences
Discipline	Chemical sciences
Scope	Molecular Materials Chemistry
Number of posts	1
Type of employment	Employment contract
Working time	Part – time (3/4)

Planned duration of employment	11 months
Expected date of employment commencement	1st 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	<ul style="list-style-type: none"> • co-authorship of minimum ten scientific papers in the field of chemistry or physics published in international scientific journals included in the JCR, including at least three as the first author; • at least one documented international research stay not shorter than 12 months for the purpose of conducting research in the field of molecular sciences; • PhD diploma received not earlier than in 2020; • active participation in scientific conferences – participation certificates are required along with the type and title of the presentation; • very good English language skills (min. B2 level) • documented skills in the organic and/or inorganic syntheses with the use of Schlenk line techniques and the inert-gas glovebox; • documented skills in the single crystal X-ray diffraction and structural analysis; • documented skills in the field of SQUID magnetometry and magnetic measurements analysis; • documented skills in DFT and CASSCF calculations.
Project Title	“Bringing molecular photomagnets to light - achieving magnets through visible light excitation at room temperature”
Project description	<p>Sunlight is the purest form of energy and its use is crucial for further technological and socio-economic development. The photomagnetic effect, in which light causes significant changes in the magnetisation of the molecular system, is potentially one way of 'harvesting' solar energy. It also makes it possible to write and read magnetic information using light. This effect is exhibited by so-called molecular photomagnets. The photomagnetic effect in molecular systems has been known for more than 20 years, but only occurs at very low temperatures known as helium temperatures, effectively making their use impossible. The aim of the project will be to discover photomagnets, operating at room temperature, and to investigate their mechanism of action in detail. The realisation of the project will lead to a breakthrough in the study of photomagnets and open the way for research into their application in everyday objects.</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>Responsibilities:</p> <ul style="list-style-type: none"> • Design and synthesis as well as spectroscopic, structural and physico-chemical characterization of new molecular systems, transition metal complexes and coordination polymers • Performing, developing and interpreting magnetic

	<p>measurements using MPMS3 and PPMS DynaCool magnetometers</p> <ul style="list-style-type: none"> • Performing quantum-chemical calculations using the DFT and CASSCF methods, their interpretation and preparation of reports and descriptions for publication from these calculations • Development and interpretation of the results of physico-chemical measurements, preparation of research data for publication, preparation of draft reports and scientific articles • Scientific supervision of first and second cycle students - conducting training in the development and interpretation of the results of physicochemical measurements and quantum chemical calculations. • Organizing research work in the design team's laboratories, supervising the proper operation of research equipment and/or workstations
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: https://cso.uj.edu.pl/en_GB/konkursy</p>
Additional application documents	<ol style="list-style-type: none"> 1. a list of all co-authored research papers published in research journals listed in the JCR (a separate pdf file)
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: etat@chemia.uj.edu.pl, title: ERC competition – part – time post-doc - dr hab. Dawid Pinkowicz prof. UJ</p> <p>by mail to: Secretariat of the chemistry department, Wydział Chemii, ul. Gronostajowa 2, 30-387 Kraków</p> <p>with the note: ERC competition – part – time post-doc - dr hab. Dawid</p>

	Pinkowicz prof. UJ
<i>Deadline for submission of applications</i>	16th April 2024
<i>Expected date of the selection procedure settlement</i>	Till 4th May 2024
<i>Method of communicating of the results of the selection procedure</i>	by e-mail
<i>Questions</i>	For further information please contact to Prof. Dawid Pinkowicz, e-mail address: dawid.pinkowicz@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
Prof. dr hab. Wojciech Macyk
Dean of the faculty of chemistry

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 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: etat@chemia.uj.edu.pl or by post to the following address: Jagiellonian University, Faculty of Chemistry, Gronostajowa Street 2, 30-387 Krakow or you can withdraw your consent in person at room C0-06 address as above.
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.