

## Assistant Professor (post-doc) in the employee group of research staff 30/2023/NA/WNST/IFiz/pd/3

Location: Chorzów

Reference Number.: 30/2023/NA/WNST/IFiz/pd/3

### THE RECTOR OF THE UNIVERSITY OF SILESIA IN KATOWICE

announces an open call for the position of **Assistant Professor (post-doc)** in the employee group of **research staff**

**Place of work: Faculty of Science and Technology, August Czełkowski Institute of Physics**

Job location: ul. 75 Pułku Piechoty 1, 41-500 Chorzów

**Number of available positions: 1**

**Key words: physical sciences, chemical sciences, pharmacy sciences, structure of amorphous pharmaceuticals**

Applications to the open call may be submitted by those who meet the conditions specified in Section 113 of the Act – *Law on Higher Education and Science* of 20 July 2018 (i.e., Journal of Law 2023 item 742).

### KEY RESPONSIBILITIES:

- conducting scientific research in the research project entitled, "Correlations between supramolecular structure, molecular dynamics, physico-chemical stability, and solubility in neat Active Pharmaceutical Ingredients (APIs) and API-excipient binary systems" led by Karolina Jurkiewicz PhD Eng.,

[https://www.researchgate.net/profile/Karolina\\_Jurkiewicz](https://www.researchgate.net/profile/Karolina_Jurkiewicz)

- preparation of samples of amorphous APIs,
- conducting laboratory and synchrotron structural studies of API systems in various thermodynamic conditions,
- analysis of the inter- and intra-molecular structure of pharmaceuticals using X-ray diffraction, pair distribution function and computer simulation methods,
- analysis of correlations between the structure of the studied API systems and their thermodynamics, molecular dynamics and physical stability,
- preparing partial reports and scientific publications on the basis of the conducted research.

### QUALIFICATION REQUIREMENTS:

- minimum PhD in natural sciences ( in the discipline of physical sciences or chemical sciences), in the field of engineering and technology (in the discipline of materials science and engineering) or in medical sciences or health sciences (in the discipline of pharmacology and pharmacy) or in the related fields,
- experience in conducting research in the field of condensed matter physics, in the specialization of the atomic/molecular structure of crystalline and non-crystalline materials,
- experience in using at least one of the following research techniques to characterize the structure of materials at the atomic/molecular level: X-ray diffraction, neutron diffraction, infrared spectroscopy, Raman spectroscopy, atomic pair distribution function, molecular dynamics/density functional theory simulations,
- recent high scoring scientific achievements in the discipline of physical science/chemical sciences/ pharmacology and pharmacy indexed Scopus or Web of Science,
- author or co-author of minimum five publications, in the last three years, published in the journals with the impact factor, that document the candidate's experience in the research of atomic/molecular structure of materials,
- documented scientific internships in the candidate's country and abroad,
- command of English that allows for scientific communication and preparation of scientific publications in English,
- international research activity,
- participation in the research project in the candidate's country or in the international research project financed from external sources.

### ADDITIONAL REQUIREMENTS :

- ability to work in the international research team,
- readiness for scientific mobility,
- self-reliance, conscientiousness, strong motivation, creativity,
- good work organization skills,
- communication skills, readiness to share one's knowledge and scientific experience with others,
- experience in structural synchrotron research, high-pressure diffraction or spectroscopic measurements, operation of diamond anvil cells or X-ray diffractometer will be of advantage,
- experience in performing computer simulations using the molecular dynamics method in Gromacs, Lammmps or similar packages will be of additional advantage.

### TERMS OF EMPLOYMENT:

- employment under a fixed-term employment contract in accordance with the terms and conditions of the project,
- employment at the University as a primary place of work,
- remuneration in the amount of PLN 7,700.00 gross per month (including seniority allowance, if applicable),
- additional remuneration components in accordance with The Rules and Regulations of Remuneration for Employees of the University of Silesia in Katowice,
- pro-quality bonus for special achievements according to regulations in force,
- task-based working time,
- opportunity for professional development,
- social benefits package,
- group life insurance for the University employees, their spouses/life partners and adult children,
- private medical care as a part of additional health insurance for the University employees, their spouses/life partners and children,
- ability to join the Occupational Pension Scheme and the group pension insurance POGODNA JESIEN.

### REQUIRED DOCUMENTS:

- scientific resume (CV) and cover letter,
- copies of documents confirming qualifications (including the PhD diploma or certificate granting the PhD degree, and MA diploma or equivalent degree diploma),
- list of publications,
- candidate's statement that during the period when the candidate receives the remuneration for their full-time work in the project, they shall receive neither remuneration from the funds assigned as a part of direct costs in research projects financed by the NCN programmes, nor remuneration arising from the employment contract concluded with other employer, also from the employer with residence beyond Poland,
- other documentation defined in the open call requirements.

### SCHEDULE OF THE CALL:

- application submission deadline: **29<sup>th</sup> of February 2024 (11.59 p.m. CET)**
- the selection process will be concluded by: **29<sup>th</sup> of April 2023**

### APPLICATIONS:

Submitting an application in response to this Call means accepting the GDPR information clause available in the Application form.

The required documents shall be submitted electronically using the application form, available by clicking "Apply".

**Applications received after the deadline, incomplete applications and applications submitted in any other way than defined in the open call announcement shall not be considered.** The University reserves the right to leave the call unresolved.

Apply

### IMPORTANT INFORMATION:

The Selection Committee decides about the resolution of the open call or leaving the open call with no result. The final, binding decision on employment of the selected candidate belongs to the Rector.

The condition necessary for employment of the candidate selected in the selection proceedings is the fulfilment of the obligations arising from Section 265(4), (5), (13) of the Act – *Law on Higher Education and Science* of 20 July 2018 (Journal of Law of 2023 item 742).

In the case of applying for employment at the University of Silesia in Katowice as the primary place of work, candidates employed in other higher education institutions as their primary place of work, should, as of the day of their employment, fulfil the requirement defined in art. 120, section 2 of the Act – *Law on Higher Education and Science* of 20 July 2018 (Journal of Law of 2023 item 742), according to which an academic may have **only one** primary place of work at a time.

In the case of person selected as a result of the open call selection procedure, who has obtained their academic degree, degree in arts or their professional title abroad, and whose academic Polish degree, degree in arts or their professional title has not been recognized as equivalent with the adequate Polish degree or title, employment of such person is possible in accordance with art. 116 section 2a of the Act – *Law on Higher Education and Science* of 20 July 2018 (Journal of Law of 2023 item 742), in accordance with the procedure in force at the University.

### Additionally we want to inform that the candidate must fulfil the following conditions:

- The candidate cannot be a person for whom the project manager/coordinator was a dissertation advisor or auxiliary dissertation advisor in their PhD course.
- The candidate has had a minimum 10 PhD without interruption and the University post-doctoral internship in other institution than the University of Silesia and in other country than the country where they were awarded their PhD.
- During the period when the candidate receives the remuneration for their full-time work in the project, they shall receive neither remuneration from the funds assigned as a part of direct costs in research projects financed by the NCN programmes.
- During the period when the candidate receives the remuneration for their full-time work in the project, they will not receive remuneration arising from the employment contract concluded with other employer, that has its residence in Poland or abroad.

### GDPR information clause for the candidates

#### 1. Personal data controller

The University of Silesia in Katowice is the controller of your personal data. You can contact the controller in the following manner:

- by post to: Bankowa 12, 40-007 Katowice
- by e-mail: administrator.danych@us.edu.pl

#### 2. Data protection supervisor

You may contact the Data Protection Supervisor in all matters concerning the processing of your personal data and the exercise of your rights relating to the processing of data as follows:

- by post to: Bankowa 12, 40-007 Katowice
- by e-mail: iod@us.edu.pl

#### 3. Purposes of the processing and legal basis of the processing

We will process your personal data to:

- assess your qualifications, abilities and skills required for the position you are applying for,
- select the right person to work with us.

The legal basis for the processing of your personal data is Article 6(1)(a), (c), (e) and (f) and Article 9(2)(a) of Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of individuals 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):

- Your consent to the processing of personal data provided in your CV and the cover letter, if you provide us with data other than your: first names and surname; date of birth; contact details; educational background; professional qualifications; your employment history to date.
- Your consent to the processing of your personal data in order to use it in the next recruitment processes conducted by the University of Silesia in Katowice for the next 9 months.

Your personal data which cannot be processed pursuant to legal provision will be processed when the candidate expresses his/her voluntary consent thereto.

- Your explicit consent to the processing of special categories of personal data i.e. sensitive data, as referred to in Article 9(1) of GDPR (inter alia health data), provided on the applicant's own initiative;
- fulfilling the legal obligation resting upon the controller, resulting from Article 22<sup>1</sup> paragraphs 1 and 2 of the Labour Code, with regard to the personal data which the employer requires from the candidate, i.e. first and last names; date of birth; contact details; and in case it is necessary to perform a specific type of work or on a specific position, it also requests information on education; professional qualifications; history of previous employment. The processing of your personal data for purposes and within the scope exceeding the aforementioned personal data requires your voluntary consent (Article 22<sup>1</sup>a of the Labour Code).

The provision of personal data is a statutory requirement, necessary for participation in the recruitment process. If you do not provide the data, it will not be possible to accomplish the aforementioned purpose.

- \*to comply with the legal obligation resting upon the controller, resulting, in particular, from the Act on Higher Education and Science, and implementing provisions issued on the basis thereof, processing of your personal data for the purposes of and within the scope exceeding the personal data necessary for the purposes of the competition procedure requires your voluntary consent.

The provision of personal data is a statutory requirement, necessary for the purposes of the competition procedure. If you do not provide the data, it will not be possible to accomplish the aforementioned purpose.

- fulfilling the task executed in the public interest, resulting in particular from Article 11(1) of the Law on Higher Education and Science;
- our legitimate interest as regards the data collected during the recruitment process in order to verify your skills and ability to work on the position you apply for.

The Act on Higher Education and Science, on the one hand, imposes public tasks on higher education institutions which they must carry out (Article 11(1)), and, on the other hand, guarantees them autonomy in all areas of their operation on conditions laid down in the Act (Article 9(2)), which allows higher education institutions to define their own detailed objectives and forms of activity within the framework of the status defined by law. A higher education institution as an academic community composed of staff, students and PhD students, exercising the tasks set forth in the Act, enjoys the autonomy granted and is guided by the European academic tradition.

#### 4. Period of storage of personal data

Your personal data collected in the current recruitment process will be stored until the end of the recruitment process. In case of expressing additional consent to the use of personal data for the purposes of future recruitments, they will be processed for a period of 9 months, but no longer than until the withdrawal of your consent.

#### 5. Data recipients

Your personal data will not be transferred to any third parties.

#### 6. Rights relating to the processing of personal data

You have the following rights in relation to the processing of personal data:

- the right to withdraw your consent to data processing, see below;
- the right of access to your personal data;
- the right to demand the rectification of your personal data which are incorrect and supplementing incomplete personal data;
- the right to have your personal data removed, in particular if you withdraw your consent to the processing, when there is no other legal basis for the processing;
- the right to demand a restriction of the processing of your personal data;
- the right to object to the processing of your data, due to your specific situation, in cases where we process your data on the basis of our legitimate interest, including for direct marketing purposes, or for the fulfilment of a public task. NOTE: in the case of processing data for direct marketing purposes, objections may be raised at any time regardless of the specific situation.
- the right to transfer your personal data, i.e. the right to receive your personal data from us, in a structured, machine-readable, commonly used IT format. You may send the data to another data controller or request that we send your data to another controller. However, we will only do so if such a transfer is technically feasible.
- You only have the right to transfer your personal data if we process the data in an automated way, i.e. in electronic form, on the basis of a contract with you or on the basis of your consent;
- the right not to be subject only to automated decision making, including profiling
- the right to lodge a complaint with the data protection supervisory authority, i.e. the President of the Office for Personal Data Protection.

#### The right to withdraw consent

To the extent that your data are processed on the basis of your consent, you have the right to withdraw your consent to data processing at any time. The withdrawal of consent does not affect the lawfulness of the processing that was carried out on the basis of your consent before it was withdrawn. You may withdraw your consent by sending a statement of withdrawal to our postal address or e-mail address: iod@us.edu.pl.

\* concerns only the candidates applying for academic positions