

CALL No. 5/2025/T
FOR THE POSITION OF SPECIALIST/SENIOR SPECIALIST

INSTITUTION: Institute of Bioorganic Chemistry, PAS
CITY: Poznań
POSITION: Junior researcher
POSITIONS AVAILABLE: 1
SCIENTIFIC DISCIPLINE: chemistry
PUBLICATION DATE: 30.05.2025 r.
APPLICATION DEADLINE: 13.06.2025 r.
IBCH PAS WEBSITE: <http://www.ibch.poznan.pl/en>

KEYWORDS: polymerization, heterogeneous catalysis, organic synthesis, size-exclusion HPLC, chemical synthesis of nucleic acids, linkers, solid-phase synthesis

I Job description

The recruitment is related to the implementation of a research project under the Virtual Research Institute Programme, no. UoF/02-WIB-3/2023-004, "Technology for the targeted analysis of single cells for cancer diagnostics – an introduction to the development of interceptive cellular medicine" (acronym: INTERCEPT).

The main goal of the INTERCEPT project is to revolutionize cancer diagnostics by developing a single-cell analysis technology that is independent of microfluidic systems and based on nucleic acids. This technology will then be used to create targeted diagnostic tests, which are intended for the diagnosis of acute myeloid leukemia (AML) and chronic lymphocytic leukemia (CLL). The project's primary aim is to introduce highly advanced single-cell analysis technologies into clinical practice by reducing their technical complexity and costs.

The position is intended for a person who will participate in the implementation of the experimental work planned in the project, in particular the development and optimisation of polymerisation processes and HPLC analysis with exclusion splitting (SEC-HPLC).

II Job responsibilities

1. Executing experimental work planned at Stage 1
2. Performing chemical analysis of synthetic nucleic acids and polymers using HPLC
3. Ensuring excellence, quality and completeness of the results.
4. Adhering to health and safety regulations, good scientific practice, and research ethics.

III Job requirements

1. A master's degree in chemistry, or related fields.
2. A good working knowledge of basic organic chemistry techniques in polymerisation, complexation processes and organic chemistry.

3. Experience in the design of catalytic reactions using transition metals.
4. Experience in materials chemistry.
5. Experience working in a chemical laboratory in hazard analysis and critical point control will be an added advantage.
6. Scientific experience and knowledge of specific scientific work will be an added advantage.
7. Analytical thinking and information retrieval skills.
8. Accuracy, meticulousness, and the ability to organize work and maintain work documentation.
9. Commitment to complying with non-compete guidelines in accordance with the WIB Programme directives.

IV Required documents

1. A letter of application addressed to the Director of IBCH PAS.
2. A curriculum vitae (CV) along with a cover letter.
3. A copy of the diploma confirming the obtained academic degree.
4. A description of the candidate's professional and scientific achievements, including a list of publications, patents, internships, trainings and specialist courses, conference presentations, awards, and honors received.
5. A copy of certificates or other documents proving English proficiency, if available.
6. A copy of the GLP training certificate, if available.

V Applications should be submitted via the eRecruiter portal at

<https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=576e73506a854cd2b938cc07d6c2e312>

VI The deadline for submitting the application is **13.06.2025 r.**

VII The recruitment procedure shall be concluded no later than by **24.06.2025 r.**

VIII Employment will be conducted in accordance with the provisions of the Labor Code.

IX Employment conditions

1. Working hours: 0.5 full-time equivalent (FTE).
2. Salary of 15,000 PLN * 0.5 FTE (total employer cost).
3. Temporary replacement contract.
4. Preferred start date: 1.07.2025 r.

X Selection criteria

1. Education, completed courses and training, and their compatibility with the research tasks planned within the project.
2. Technical competencies, experience, and the suitability of specialized knowledge for the position and the specificity of the project.
3. Proficiency in English.
4. Soft skills – cover letter, communication skills.
5. Ability to work in a team, likelihood of fitting into the group, and alignment of individual development plans with the project goals.

For additional information, please contact:

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dr Natalia Koralewska, e-mail: nataliak@ibch.poznan.pl

Information clause

Pursuant to the stipulations 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), further referred to as GDPR, we hereby inform that:

1. The Institute of Bioorganic Chemistry, Polish Academy of Sciences, seated in Noskowskiego St. 12/14, 61-704 Poznan; REGON 000849327, NIP 777-00-02-062 is the administrator of the collected personal data (further referred to as the Institute).
2. The Administrator appointed a Data Protection Officer, who can be contacted in writing, via traditional mail, by sending a letter to the following address: Z. Noskowskiego St. 12/14, 61-704 Poznan, or by sending an e-mail to: dpo@ibch.poznan.pl.
3. The personal data of the candidates is processed for the purposes of fulfilling the tasks of the administrator, associated with conducting the recruitment procedure for a vacant position.
4. The legal basis for processing personal data is the Act of 26 June 1974 – The Labor Code, Act of 30 April 2010 on the Polish Academy of Sciences or the consent of the person whose data shall be subjected to processing.
5. Your personal data shall be subjected to processing for period of 3 months upon the date of decision of the recruitment committee. Following this period, the data will be irretrievably and effectively destroyed.
6. The personal data of the candidates shall not be transferred to any third country.
7. The person whose data shall be subjected to processing has the right to:
 - a. request access to his/her personal data, and to amend it or delete it, pursuant to articles 15-17 of GDPR;
 - b. limit data processing, in the events stipulated in article 18 of GDPR;
 - c. data transferring, pursuant to article 20 of GDPR;
 - d. withdraw consent at any moment, without influencing compliance with the law of the processing that was executed prior to consent withdrawal;
 - e. file a complaint to the Inspector General for Personal Data Protection.

Providing personal data in the scope stipulated in article 22 (1) of the Act of 26 June 1974 – The Labor Code is mandatory, whereas providing data in a broader scope is voluntary and requires consent for its processing

Protection for whistleblowers

In the case of reporting violations using a dedicated system for whistleblowers, the reporting person's data will be processed in accordance with applicable provisions on the protection of personal data, including the above-mentioned Regulation (EU 2016/679 of 27 April 2016). We ensure confidentiality and protection of the identity of reporting persons, and that their data will not be disclosed without their consent, unless the law provides otherwise.

Detailed rules regarding the protection of personal data and procedures for reporting violations of the law can be found in our Regulations on internal reporting at the Institute of Bioorganic Chemistry, Polish Academy of Sciences, available at the link: <https://portal.icbh.pl/wp-content/uploads/2024/10/INTERNALREPORTINGREGULATIONS.pdf>