

**IBCH PAS RECRUITMENT PROCEDURE NO. 1/2023/SN
FOR THE POSITION OF A POSTDOCTORAL RESEARCH ASSISTANT**

INSTITUTION: Institute of Bioorganic Chemistry, Polish Academy of Sciences,
Department of Structure and Function of Retrotransposons
CITY: Poznan
POSITION: assistant professor (post-doc)
POSITIONS AVAILABLE: 1
SCIENTIFIC DISCIPLINE: biology
PUBLICATION DATE: **January 26, 2023**
APPLICATION DEADLINE: **March 1, 2023**
WEBSITE: <https://portal.ibch.poznan.pl/homepage>

KEYWORDS: RNA biology, RNA structure, cell compartment-specific mRNA folding, *S. cerevisiae* transcriptome, next-generation sequencing, SHAPE-MaP

Principal Investigator: Assoc. Prof. Katarzyna Pachulska-Wieczorek, PhD, DSc

Project description: This position is offered within a project entitled “Transcriptome-wide analysis of RNA structure in the cell and across cellular compartments, and identification of the impact of cellular factors on RNA structure in *S. cerevisiae*” (2020/39/B/NZ3/03020), funded by the Polish National Science Centre. In this interdisciplinary project, we will use recent experimental and bioinformatics approaches to explore the structural features of hundreds of mRNA molecules in living cells. We aim to explain how and why RNA structure changes during the mRNA life span, trafficking between cellular compartments, and how mRNA structure impacts the cellular processes.

As a postdoctoral researcher you will be involved in experimental analyses of RNA structure in diverse cellular compartments, searching of RNA structure-function correlations, and computational RNA structure modeling. We offer an excellent opportunity to learn new techniques of RNA structural biology, including experimental research and computational approaches.

I. Requirements for the Candidate:

1. A Ph.D. degree (or equivalent) in molecular biology, biotechnology, biochemistry, bioinformatics, or related sciences. *
2. Well-documented research output in journals listed in the Web of Science database.
3. Significant background in RNA molecular biology or biochemistry, including research experience in at least one of the following methods: RNA structure determination by chemical or enzymatic probing, or transcriptomic data analysis, or RNA structure computational modeling.
4. Strong motivation and commitment to the project implementation.
5. Good command of English enabling efficient communication and preparation of research papers.
6. Experience in manuscript writing and in scientific presentations.

*In accordance with the requirements of the National Science Center, only those candidates who received their PhD degree no earlier than 7 years prior to the date of employment within the research project, excluding parental or related leaves governed by the stipulations of the Labor Code, rehabilitation period associated with rehabilitation allowances or other rehabilitation benefits, are eligible for recruitment. In such cases, the aforementioned 7-year period shall be extended by additional 18 months for every descendant or adoptee. Female applicants may choose the

way of justifying breaks in their research career, which is more favorable in a given case. Pursuant to the regulations of the National Science Center, only candidates who obtained their PhD degree at an institution other than the Institute of Bioorganic Chemistry, PAS, are eligible for the position.

II. Job Responsibilities:

- Designing and carrying out scientific experiments and interpreting their results (RNA structure mapping in cellular compartments, searching of RNA structure-function correlations, and computational RNA structure modeling).
- Manuscript preparation for publication.
- Critical literature reading.
- Presenting results at seminars and scientific meetings.

III. We offer:

- Work in a young and dynamically developing research group,
- High impact research project,
- Full time employment contract for 24 months (after finishing the probation period)
- Gross salary: ca. 8 150 PLN/month.
- Position with 100% focus on research (no teaching obligations),
- Benefits including membership in MultiSport programme,
- Participation in courses, scientific training, international collaborations, conferences, etc

IV. Required documents:

- Letter of application to the Director of IBCH PAS with a statement confirming that the Institute shall be the candidate's primary place of employment.
- Scientific CV including a list of publications, patents, previous positions, and managed projects.
- Cover letter featuring information on the candidate's scientific background, achievements, and contact details to three referees.
- Copy of Ph.D. diploma.

V. Applications should be submitted via the eRecruiter portal:

<https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=4a6dddf90b8428ab494ce958e41cd50>

VI. The submission deadline is **March 1, 2023**.

VII. Selection of candidates:

Following preliminary verification, on the basis of the application documents, selected candidates will be invited for an interview, and based on the results of both stages of the applicant's evaluation, one candidate shall be appointed. The main criteria taken into consideration during the selection of the candidates will be: i) research output (research papers published), (ii) compliance of the previous experience with the tasks planned within the framework of the project, (iii) experience gained during internships.

VIII. The recruitment procedure shall be concluded no later than **March 15, 2023**.

Employment is available instantly (depending on the result of the recruitment procedure). The position is available for the period of 24 months. The estimated gross salary is ca. 8 150 PLN/month.

IX. Employment shall take place in compliance with the provisions of the Labor Code of Poland.

For more details, please contact:

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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:

- *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).*
- *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.*
- *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.*
- *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.*
- *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.*
- *The personal data of the candidates shall not be transferred to any third country.*
- *The person whose data shall be subjected to processing has the right to:*
 - *request access to his/her personal data, and to amend it or delete it, pursuant to articles 15-17 of GDPR;*
 - *limit data processing, in the events stipulated in article 18 of GDPR;*
 - *data transferring, pursuant to article 20 of GDPR;*
 - *withdraw consent at any moment, without influencing compliance with the law of the processing that was executed prior to consent withdrawal;*
 - *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.