INSTYTUT CHEMII BIOORGANICZNEJ
Polskiej Akademii Nauk

ul. Noskowskiego 12/14, 61-704 Poznań
tel.: centrala 61 852 85 03, sekretariat 61 852 89 19
faks: 61 852 05 32, e-mail: ibch@ibch.poznan.pl
REGON 000849327 NIP 777-00-02-062
http://www.ibch.poznan.pl

IBCH PAS RECRUITMENT PROCEDURE NO. 26/2024/SN
FOR THE POSITION OF A POSTDOCTORAL RESEARCH ASSISTANT

INSTITUTION:	Institute of Bioorganic Chemistry, Polish Academy of Sciences, Department of RNA Structure and Function
CITY:	Poznan
POSITION:	assistant professor (post-doc)
POSITIONS AVAILABLE:	1
SCIENTIFIC DISCIPLINE:	biology
PUBLICATION DATE:	December 17, 2024
APPLICATION DEADLINE:	January 16, 2023
WEBSITE:	https://portal.ibch.poznan.pl/homepage

KEYWORDS: *in vivo* RNA structure, SHAPE-MaP, next-generation sequencing, transcriptome-scale bioinformatics analyses

I. Research topic:

The Department of RNA Structure and Function conducts research aimed at understanding the correlation between the structure and function of RNA molecules. Our research models are genomic RNA of retroelements and cellular mRNA, and the current model organism is yeast (*Saccharomyces cerevisiae*). We are interested in the influence of cellular factors on RNA folding inside cells, including in various cell compartments, and the influence of structure on RNA stability, translation, and the presence of RNA-binding proteins. The candidate is required to actively participate in scientific projects conducted in the department. The research should be conducted at a high scientific level, using modern laboratory techniques and bioinformatics approaches. It is expected that the research results will be published in reputable international scientific journals.
Principal Investigator: Katarzyna Pachulska-Wieczorek, PhD

II. Requirements for the Candidate:

1. A Ph.D. degree (or equivalent) in molecular biology, bioinformatics, biotechnology, biochemistry, or related sciences.
2. Well-documented research output in the form of research papers published in recognizable research journals listed in the Web of Science database.
3. Extensive experience in laboratory work in the field of in vivo RNA secondary structure mapping, especially using the SHAPE method.
4. Ability to independently analyze and interpret NGS data using advanced bioinformatics tools, including RNA secondary structure mapping experiments.
5. Experience in modeling RNA secondary structure using experimental data.
6. Knowledge of laboratory techniques required for working with yeast cells.
7. Ability to independently solve research problems and work in a team.
8. Very good command of English.
9. Experience in managing research projects will be an additional advantage.

II. Job responsibilities:

1. Planning and conducting *in vivo* RNA secondary structure studies on a transcriptome scale.
2. Bioinformatic analysis of data, in particular from SHAPE-MaP experiments.
3. Prediction and comparative analysis of RNA structure *in vivo*, *in vitro*, and *in silico* conditions.
4. Critically read and analyze scientific articles on topics relevant to the development of ongoing projects.
5. Presenting results at scientific seminars and conferences.
6. Preparing and assisting in the preparation of manuscripts.
7. Working independently and in a research team.

III. Required documents:

1. Letter of application to the Director of IBCH PAS.
2. Scientific CV including a list of publications, patents, previous positions, and managed projects.
3. Cover letter featuring information on the candidate's scientific background, achievements, and contact details to three referees.
4. Copy of Ph.D. diploma.

IV. Applications should be submitted via the eRecruiter portal:
https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=248ff99e0d70457cae08f58609fd9ff4

V. The submission deadline is January 16th, 2024.

VI. Selection of candidates:

Following preliminary verification, based on the application documents, selected candidates will be invited for an interview, and based on the results of both stages of applicant evaluation, one candidate shall be appointed. The main criteria, taken into consideration during the selection of the candidates, will be: (i) research output in the form of published papers, (ii) experience necessary for the tasks planned within the framework of the project, (iii) former foreign fellowships and /or post-doctoral positions held.

VII. The recruitment procedure shall be concluded no later than January 21st, 2025.

VIII. Start and duration of the position.

- Employment is available from February 2024.
- The gross salary allocated: 7250 PLN/month.

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

For more details, please contact:

Katarzyna Pachulska-Wieczorek, PhD
Head of The Department of RNA Structure and Function,
Institute of Bioorganic Chemistry, PAS
Noskowskiego 12/14
61-704 Poznan
e-mail: kasiapw@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:

• 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.

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.ichb.pl/wp-content/uploads/2024/10/INTERNALREPORTINGREGULATIONS.pdf