INSTITUTE OF BIOORGANIC CHEMISTRY
Polish Academy of Sciences

Noskowskiego 12/14, 61-704 Poznań
tel.: +48 61 852 85 03, secretariat +48 61 852 89 19
fax: +48 61 852 05 32, e-mail: ibch@ibch.poznan.pl
REGON 000849327 VAT no. PL 7770002062
http://www.ibch.poznan.pl

IBCH PAS RECRUITMENT PROCEDURE NO. 7/2026/SN
FOR THE POSITION OF A POSTDOCTORAL RESEARCH ASSISTANT F/M

INSTITUTION:	Institute of Bioorganic Chemistry, Polish Academy of Sciences, Department of Medical Biotechnology
CITY:	Poznan
ADDRESS:	Noskowskiego 12/14
POSITION F/M:	assistant professor (post-doc)
POSITIONS AVAILABLE:	1
SCIENTIFIC DISCIPLINE:	biological sciences
PUBLICATION DATE:	23.06.2026
APPLICATION DEADLINE:	10.09.2026
WEBSITE:	https://portal.ichb.pl/homepage/

KEY WORDS: RNA biology, neurodegenerative diseases, alternative splicing, polyadenylation, RNA structure, non-coding RNAs, RNA-seq, neurons

Research topic: RNA-polyQ: RNA processing and dysregulation in polyglutamine diseases – insights into pathogenesis and therapeutic targets

Principal Investigator: dr hab. Agnieszka Fiszer

Department's website: https://portal.ichb.pl/department-of-medical-biotechnology/

I. Project description

SONATA BIS project from National Science Centre (2025/58/E/NZ2/00248)

More than 30 years have passed since the discovery of the genes whose mutations are responsible for neurodegenerative polyglutamine (polyQ) diseases. However, the mechanisms leading to pathology in the brain are not fully understood which makes it difficult to develop effective treatment. A thorough investigation of disruptions in cellular RNA levels and function is a key step toward understanding the molecular pathways altered in disease development.
RNA molecules of various types exert functions crucial for each cell's functioning. In this project, we will explore RNA processing pathways and RNA dysregulation in selected polyQ diseases. We will investigate mutant mRNAs and other selected RNAs (including long non-coding RNAs, circular RNAs and microRNAs) in terms of their cellular processing, modification, localization, as well as presence in extracellular vesicles. A set of human cellular models (also of neuronal type) with endogenous or exogenous expression of polyQ disease-related genes will be used to reveal RNA dysregulation profiles and characterize selected RNAs. Finally, we will validate specific observations in patients' samples and propose novel therapeutic strategies based on identified hallmarks.

We offer the following opportunities:

- conducting scientific research in a stimulating and friendly environment, in a scientifically vibrant Institute,

- to develop and strengthen your skills in a specialized medical biotechnology area, using advanced research techniques,

- to participate in training and conference trips and visits to collaborating laboratories.

II. Requirements for the candidates:

1. A PhD degree in biology or chemistry or a related discipline.*
2. Well-documented research output in the form of research papers (Web of Science).
3. *Experience and strong laboratory skills in molecular and cellular biology*
4. *Advanced knowledge in human genetics and molecular biology*
5. *Ability to critically analyze scientific literature relevant to the project*
6. *Ability to plan and conduct experiments, and to analyze and visualize the results*
7. *Ability to work independently and collaborate in a team*
8. *English language proficiency enabling effective communication, reading of scientific literature, and preparation of publications.*
9. *Advanced experience in RNA biology and other areas closely related to the project's scope will be preferred.*

*According to NCN requirements, only individuals who obtained a doctoral degree no earlier than 12 years before the year of employment in the project may be admitted. This period may be extended by the time spent on long-term (over 90 days) documented sickness benefits or rehabilitation benefits due to incapacity for work. Additionally, the period may be extended by the number of months spent on leave for the care and upbringing of children, as specified under the Labor Code. For women, this period may also be increased by 18 months for each born or adopted child if this method of accounting for breaks in the scientific career is more advantageous.
Furthermore, according to NCN requirements, individuals who obtained a doctoral degree at an institution other than the Institute of Bioorganic Chemistry of the Polish Academy of Sciences, or those who earned the degree at ICHB PAN but completed a continuous, documented postdoctoral internship of at least 10 months at an institution other than the project-implementing entity and in a country different from where the doctoral degree was obtained, may be admitted.

III. Duties in the project:

1. Realization of project subtasks
2. Detailed design of experiments and optimization of the protocols
3. Performing the experiments and analysis of the data
4. Preparation of manuscripts
5. Presentation of project results

IV. Required documents:

1. Cover letter of application to the Director of IBCH PAS featuring contact details to at least two referees.
2. Copy of the doctoral diploma or a document containing a statement from the doctoral thesis supervisor about the planned defense date.
3. CV featuring information on the candidate's scientific track record, including:
   - the list of papers published in journals listed in the Web of Science (WoS) database, stating the IF in accordance with WoS, number of citations;
   - list of patents;
   - information on the previously managed projects or participation in project implementation;
   - information on the accomplished research internships;
   - information on the awarded prizes and distinctions.

V. Applications should be submitted via the eRecruiter portal at:

https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=3ff72a8a96a34cc4a4a04c68cfc06e6a

VI. The submission deadline is 10.09.2026

VII. Selection of candidates:

Following preliminary verification, on the basis of the application documents, selected candidates may be invited to an interview. Based on the candidates' evaluation, a ranking list of the persons recommended for employment will be drawn up. In the case of the resignation of a higher-ranked candidate, the next person on the list will be offered employment. 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 on 09.10.2026.

IX. Additional Information:

1. Employment is available from 10.2026. The position is available for a period of 24 months with a possible extension to 57 months. The estimated gross salary is ca. 9 450,00 PLN/month. Employment will be in accordance with the provisions of the Labor Code.
2. Social benefits (co-financing of holiday leave, Multisport card or tickets for cultural events), possibility to join group life and medical insurance

For additional information please contact the Principal Investigator:
Assoc. Prof. Agnieszka Fiszer, PhD, DSc
e-mail: agnieszka.fiszer@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/INTERNAL