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. 7/2025/T
# FOR THE POSITION OF BIOLOGIST/SPECIALIST/SENIOR SPECIALIST

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| INSTITUTION: | Institute of Bioorganic Chemistry, Polish Academy of Sciences, Department of Genome Engineering |
| CITY: | Poznan |
| POSITION: | biologist |
| POSITIONS AVAILABLE: | 1 |
| SCIENTIFIC DISCIPLINE: | biology |
| PUBLICATION DATE: | July 29**, 2025** |
| APPLICATION DEADLINE: | **August 29, 2025** |
| WEBSITE: | https://portal.ichb.pl/department-of-genome-engineering/ |

**KEY WORDS**: RNA interference, amiRNA, gene therapy, polyQ diseases

**Principal Investigator: Anna Kotowska-Zimmer, PhD**

**Research topic**: "The use of artificial miRNAs for allele-selective therapy of spinocerebellar ataxias caused by CAG repeat expansion**"**

Spinocerebellar ataxias are a group of rare, genetic neurodegenerative diseases.
In the case of ataxias that belong to polyglutamine disorders, the mutation responsible for disease onset involves the expansion of CAG repeats in specific genes. This results in the production of proteins with elongated polyglutamine tracts, which acquire toxic properties. Despite many years of research, these diseases remain incurable and ultimately lead to patient death.

The aim of the project is to develop a universal molecule that will selectively lower the levels of mutant proteins responsible for spinocerebellar ataxias in an allele-specific manner.
Positive results from this project may serve as a foundation for subsequent research phases aimed at developing an effective and safe therapy for patients suffering from spinocerebellar ataxias caused by CAG repeat expansions.

The position is intended for a person who will participate in the execution of experimental work planned in the project, particularly in the design and testing of the efficiency of amiRNA molecules in in vitro and in vivo models.

## I. Requirements for the candidate:

1. A Master's degree in biological sciences (e.g., biology, molecular biology, biotechnology) or a related discipline.
2. Proven hands-on experience in molecular biology techniques, including but not limited to Western blotting and RT-qPCR.
3. Practical experience in the maintenance and handling of both animal and human cell cultures.
4. Demonstrated ability to independently solve research-related problems, strong communication skills, high motivation for experimental work, and the ability to work both independently and collaboratively within a research team.
5. Excellent command of the English language, both written and spoken.

Additional Assets (not mandatory but desirable):

- Valid certification and practical experience in working with laboratory mice.
- Proficiency in the operation of **confocal microscopy** systems.

**II. Job Responsibilities:**

1. Planning and performing experiments.
2. Data analysis and interpretation.
3. Critical literature reading.
4. Presentation of results at seminars and other scientific meetings.
5. Preparing manuscripts for publications.

**III. Required documents:**

1. Application letter addressed to the Director of ICHB PAS (Institute of Bioorganic Chemistry, Polish Academy of Sciences).
2. Curriculum vitae (CV) including a motivation letter.
3. A copy of the diploma confirming the award of a Master's degree.
4. Description of previous professional and scientific achievements, including: a list of publications, patents, completed internships and research stays, specialized courses, conference presentations, awards and distinctions received.

**IV.** Applications should be submitted via the eRecruiter portal:

**https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=ac0f31f795db4c53abccf29a31b688cf**

**V. The deadline for submission is August 29, 2025.**

**VI. Selection of candidates:**
Following preliminary verification, on the basis of the application documents, selected candidates may be invited for an interview, and based on the results of both stages of applicants evaluation, one candidate shall be appointed. The main criteria, taken into consideration during the selection of the candidates, will be: (i) research output in a 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 on September 5th, 2025.**

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

**IX. We offer:**

1. Opportunity to work as a scientist in a leading unit in Poland, in a young team of several people, in which we value reliability, cooperation and take up ambitious scientific challenges.
3. Position is available from October 2025 for a period of 35 months (employment contract, first contract for a trial period). The salary is approximately 9000 PLN/month (total cost of employment).

**For more details, please contact:**

Anna Kotowska-Zimmer, PhD
Department of Genome Engineering
Institute of Bioorganic Chemistry, PAS
Noskowskiego 12/14
61-704 Poznan
e-mail: akotowska@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*