

IBCH PAS RECRUITMENT PROCEDURE NO. 7/2024/SN
CALL FOR APPLICATIONS FOR A POSTDOCTORAL POSITION

INSTITUTION: Institute of Bioorganic Chemistry, Polish Academy of Sciences,
Department of Genome Engineering
CITY: Poznań
POSITION: assistant professor (post-doc)
POSITIONS AVAILABLE: 1
SCIENTIFIC DISCIPLINE: biology
PUBLICATION DATE: **February 29th, 2024**
APPLICATION DEADLINE: **April 15th, 2024**
WEBSITE: <https://portal.ichb.pl/departament-of-genome-engineering/>

KEY WORDS: genome editing, CRISPR/Cas9, safety, gene therapy, DNA repair

Principal Investigator: Marta Olejniczak, PhD, Associate Professor of IBCH PAS

Research topic: “Assessing efficacy and safety of genome EDITing approaches for Sickle Cell Disease”

Research will be carried out within the EDITSCD project (<https://editscd.eu/>) funded by European Commission (2022-2027). The EDITSCD consortium is coordinated by Annarita Miccio at the Institut Imagine (France). The other international partners of the consortium are the Ospedale San Raffaele SRL (Italy), the Universitaetsklinikum Freiburg (Germany), the Bar Ilan University (Israel), the Inserm (France), the ETH Zurich (Switzerland), AstraZeneca AB (Sweden) and EATRIS ERIC (Netherlands). ICHB will join this ongoing project with its own budget under the Hop-on Facility (**EDITSCD-HOP-ON**).

Project description: Sickle cell disease (SCD) is a group of inherited red blood cell disorders that affect hemoglobin. A single amino acid substitution in the beta-globin chain of adult hemoglobin causes red blood cell sickling, hemolysis, vaso-occlusive crises, and multi-organ damage. Transplantation of autologous, genetically modified hematopoietic stem/progenitor cells (HSPC) represents a therapeutic option for SCD. The EU-funded EDITSCD project aims to understand the molecular and cellular mechanisms underlying SCD HSPC dysfunctions and evaluate the impact of genome editing approaches on SCD HSPC. One of the EDITSCD project objectives is to establish efficient and safe genome editing approaches to correct the SCD mutation. As part of this project, ICHB will develop and validate a new HDR-based method for precise correction of the beta-globin gene.

I. Requirements for the candidate:

1. A PhD degree in molecular biology, biochemistry, biotechnology, 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. Good knowledge of molecular biology techniques and experience in working with cell cultures.
4. Experience with genome editing techniques (CRISPR-Cas9) is welcome.
5. Very good work organization and strong motivation for scientific work.
6. Ability to work independently and cooperate in a team.
7. Very good command of spoken and written English

The offer is addressed to experienced scientists with at least a doctoral degree, to carry out research in the field of molecular biology in the context of human diseases.

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 (including consortium meetings).
5. Preparing manuscripts for publications.

III. Required documents:

1. 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.
2. Scientific CV including 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 PhD diploma.

IV. Applications should be submitted via the eRecruiter portal:

<https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=96b5c174fe5a4b509aebf7a0c2a4dc86>

V. The submission deadline is April 15th, 2024.

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 April 30th, 2024.

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.
2. Carrying out research as part of an international consortium with the possibility of short-term visits in consortium member labs and participation in conferences and trainings.
3. Position is available from May 2024 for a period of 36 months (employment contract, first contract for a trial period). The salary is 2 900 Euro/month, approximately 12 500 PLN (total cost of employment) month.

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.