

Call for a Post-doctoral position
**funded by the National Science Center as part of the project „Epigenetic Reprograming
and All-trans-Retinoic Acid in Therapy of Myelodysplastic Syndromes” no.
2021/41/B/NZ5/04397**

The Institute of Genetics and Animal Biotechnology of the Polish Academy of Sciences has the HR Excellence in Research logo awarded by the European Commission to institutions which implement rules of the "European Charter for Researchers" and the "Code of Conduct for the Recruitment of Researchers".

Detailed requirements for candidates for the post-doc position:

1. Doctoral degree in biological, biotechnological or related sciences.
2. Scientific achievements including original scientific works.
3. Experience in managing or participating in the implementation of research projects financed from external sources and supervising students or doctoral students.
4. Experience in laboratory work, including working with cell lines, cytometric analyzes, western blots, basics of molecular biology, the ability to culture leukemia lines and conducting experiments in research on epigenetics will be an asset.
5. Fluency in spoken and written English.
6. Knowledge of Microsoft Office and the use of statistical programs.
7. Independence, reliability, high motivation in the implementation of research tasks, teamwork skills
8. Mobility (the workplace is located in Jastrzębiec - 25 km from Warsaw).
9. Driving license category B

We can offer:

1. Full-time employment.
2. Remuneration in accordance with the regulations of the National Science Center.
3. Modern laboratory infrastructure.
4. Friendly work atmosphere

Description of tasks:

Myelodysplastic syndromes (MDS) are a variety of clonal stem cell disorders characterized by bone marrow failure and an increased risk of transformation into acute myeloid leukemia (AML). We recently discovered that combination therapy with all-trans-retinoic acid (ATRA) and an antidepressant (TCP, tranylcypromine) under laboratory conditions has a strong anti-leukemic effect. Both of these drugs are used for other medical conditions.

Using new genomic technologies, we plan to better understand the mechanism of action of ATRA/TCP, which will allow them to be used in the low-cost and non-cytotoxic treatment of patients with MDS and AML who desperately need more effective and safer therapies.

The doctoral student will carry out a doctoral project under the supervision of prof. Artur Zelent and dr Łukasz Szymański as part of the NCN OPUS21 project.

The scope of work as a post-doc:

- planning and carrying out research related to the project, e.g. gene expression analysis, cell line experiments
- care for the doctoral student
- substantive involvement in the work performed
- preparation of partial reports and the final report
- statistical analysis of the obtained results
- preparation of data for the procurement of reagents, materials and small equipment for public tenders
- following the scientific literature related to the subject of the project
- preparation of publications

Conditions of employment:

Contract duration: **18 months**

Date of commencement of work: **15.09.2023**

Deadline for submitting offers: **31.08.2023**

Gross salary: **approx. 8 300 gross PLN/month**

The application should contain:

1. CV containing information about previous research and scientific achievements to date (employment, publications, awards, research internships, organizational and didactic activities, participation in training and conferences).
2. Cover letter.
3. Diploma of obtaining the title of doctor (certified photocopy); obtained not earlier than 7 years before the year of employment in the project (not including periods of maternity/parental /paternity and parental leave).
4. Contact details (e-mail address) to the previous supervisor and/or doctoral dissertation supervisor.
5. Please add the following clause: "*I consent to the processing of personal data contained in this document for the implementation of the recruitment process in accordance with the Act of May 10, 2018 on the protection of personal data (Journal of Laws of 2018, item 1000) and in accordance with the Regulation 2016/679 of the European Parliament and of the Council of 27*

April 2016 on the protection of individuals with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46 / EC (GDPR)."

According to the regulations of the National Science Center, during the period of receiving remuneration, selected candidates cannot receive any other remuneration from the funds allocated as direct costs from research projects financed under the NCN calls nor remuneration from another employer under an employment contract, including from an employer based outside the territory of the Republic of Poland.

Documents should be submitted in electronic form (pdf) till 31st of August 2023 to the address kancelaria@igbzpan.pl in the subject of the e-mail, please write „Name Surname - OPUS21-A.Zelent”.

We reserve the right to contact only selected candidates who meet the requirements described in the competition announcement and who submit a set of documents listed in the announcement.

INFORMATION OBLIGATION

1. The administrator of personal data collected during the recruitment process is the Institute of Genetics and Animal Biotechnology of the Polish Academy of Sciences, entered into the register of institutes of the Polish Academy of Sciences (kept by the Polish Academy of Sciences) under the number RIN-V-32/98, NIP no. 1230018381, REGON no. 000326196, address: Jastrzębiec, ul. Postępu 36A, 05-552 Magdalenka.
2. Personal data provided to the Administrator by the participants of the recruitment process will be processed in accordance with the provisions of the Regulation of the European Parliament and of the Council (EU) 2016/679 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) (OJ.EU.L. of 2016 No. 119/1, hereinafter referred to as "GDPR").
3. According to art. 5, 6, 7 and 13 of GDPR, the Administrator informs that:
 - a. Personal data provided by the participant of the recruitment process will be processed on the basis of art. 6 par. 1 letter a) of GDPR, i.e. on the basis of their consent and pursuant to art. 22¹ of the act of 26 June 1974 Labour Code (Journal of Laws 2018.917).
 - b. The following personal data are processed during the recruitment process: first name(s) and surname, image, names of parents, date of birth, place of residence (correspondence address), education, other personal details of the employee, including names and surnames and dates of birth of the employee's children if such data is necessary for the employee's use of special rights provided for in the labour law, the employee's PESEL number assigned by the Government Information Center of the Universal Electronic System for Registration of the Population (RCI PESEL), telephone number and e-mail address.
 - c. The person involved in the recruitment process has the right to request access to personal data, correct or remove it, as well as limit its processing, oppose to data processing, the right to transfer data and the right to submit a complaint to the supervisory body.
 - d. The person participating in the recruitment process has the right to withdraw consent to the processing of data at any time, which does not affect the legality of the processing which had been carried out on the basis of consent granted before its withdrawal.
 - e. Providing personal data by a person participating in the recruitment process is voluntary, however, the failure to provide it may prevent this process from being carried out.
4. In all matters related to the processing of personal data of persons participating in the recruitment process, please contact the Institute in writing at the following address: daneosobowe@igbzpan.pl.



**INSTYTUT GENETYKI
I BIOTECHNOLOGII ZWIERZĄT**
Polskiej Akademii Nauk