

Call for a Scientific Scholarship
**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".

Requirements for the candidate:

1. Master's degree or equivalent in biology, biotechnology or similar.
2. Documentation confirming enrollment in a doctoral programme or doctoral school.
3. Fluency in spoken and written English.
4. Experience in laboratory work, including the basics of molecular biology.
5. Experience in working on cell lines will be an additional advantage.
6. Knowledge of Microsoft Office and the use of statistical programs.
7. Independence, reliability, high motivation in the implementation of research tasks and the ability to work in a team.
8. Mobility (the workplace is located in Jastrzębiec - 25 km from Warsaw).

We can offer:

1. Scientific scholarship in accordance with the regulations of the National Science Center
2. Modern laboratory infrastructure
3. 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 student will carry out a scientific project under the supervision of prof. Artur Zelent and prof. Łukasz Szymański as part of the NCN OPUS21 project.

Conditions of employment:

Contract duration: **12 months**

Deadline for submitting offers: **29.07.2026**

The application should contain:

1. CV with particular emphasis on previous scientific achievements,
2. Cover letter,
3. Diploma of obtaining a master's degree (certified copy) with a diploma supplement,
4. Documentation confirming enrollment in a doctoral programme or doctoral school.
5. Contact address (email) of the person who can present the candidate's recommendation letter (supervisor / current employer),
6. The candidate is obliged to fill in the consent to the processing of personal data for recruitment available on the website <https://tinyurl.com/PersDataIGABPAS>
7. Selected Candidates who meet the formal and project requirements will be invited for an interview. Interview information will be sent to invited candidates by e-mail.
8. Please be advised that the Institute of Genetics and Animal Biotechnology of the Polish Academy of Sciences does not return submitted documents.

Documents should be submitted in electronic form (pdf) to the address l.szymanski@igbzpan.pl and application@igbzpan.pl in the subject of the e-mail, please write „Name Surname of Candidate - OPUS21”.

Scholarship holders will be selected by a committee appointed by the Director of the Institute of Genetics and Animal Biotechnology of the Polish Academy of Sciences will take place in accordance with par. 14 of the [Regulations for the granting of scientific scholarships in research projects financed from the National Science Centre](#) of March 14, 2019 and with point 2.1.3 Remuneration and scholarships for students and doctoral students of [Annex 2 to the Regulations on awarding funds for the implementation of tasks financed by the National Science Center in the field of research projects](#).

Link to the call on the NCN website: <https://www2.ncn.gov.pl/baza-ofert/?akcja=wyswietl&id=192734>

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.