



WARSZAWSKI
UNIwersYTET
MEDYCZNY

KATEDRA I ZAKŁAD BIOCHEMII

Ph.D. Student position
In the field of Cancer Immunotherapy

We invite applications for a Ph.D. student position in the field of cancer therapy and immunotherapy. The position will provide the opportunity to participate in a cutting-edge research project entitled “**Strategy to overcome the 'ionic checkpoint' and improve the antitumor immunotherapy**”, funded by the National Science Centre (NCN, Poland). [Project description](#).

We are seeking open-minded, independent, and highly motivated candidates with hands-on experience in cancer immunology, cell signaling, tumor metabolism, and bioinformatics. The admission procedure will be carried out in two steps, based on application documents and further interviews with selected candidates. During the interview, candidates will be scored by the Recruitment Committee based on the project competency, methodological experience, and communication skills, in accordance with the NCN rules. Please be aware that only selected candidates will be contacted.

We offer:

Full-time research opportunity to work on a health-relevant scientific problem using a broad range of molecular and cell biology, genetics, proteomics, biochemistry, and a stimulating international and multi-disciplinary research environment.

Proposed starting date: **June 1st, 2026** (for candidates who are already Ph.D. students) or **October 1st, 2026** (for candidates who will be successfully admitted to the Ph.D. School); fellowship initially for 6 months, with further extension until the date of project ending (January 19th, 2030).

Stipend from the project:

3500 PLN/month, which can be added to the fellowship from the [Ph.D. School of the Medical University of Warsaw](#).

Qualifications of the candidates:

- Master's degree in biology, biotechnology, bioinformatics, or equivalent,
- Research experience and knowledge with laboratory techniques related to life science disciplines in either bioinformatics, immunology, molecular biology, intracellular signaling, and biochemistry. Familiarity with omics techniques, flow cytometry, or tumor models in mice is a strong advantage,
- Scientific research productivity.

Duties and responsibilities:

- apply a broad range of approaches and methods to pursue the research objectives (cellular and molecular biology methods, flow cytometry, animal models),
- participate in experimental design and data interpretation,
- achieve autonomy in performing experiments with minimal supervision, good analytical thinking, and good understanding of the biological problems to formulate testable hypotheses,
- self-education and updates on cancer immunology and bioinformatics fields,
- actively participate in lab meetings, scientific seminars, and conferences,
- data collection, participation in manuscript preparation, and writing of thesis.

How to apply:

Please submit your application (in Polish or English) to the Project Leader, Dr. Beata Pyrzyńska, e-mail: beata.pyrzynska@wum.edu.pl.

[Research group link](#).

The candidates with an interest in applying should send

- CV including candidate's scientific degree, short description of key achievements, conducted research projects and used methodology, research stays, and publications,
- copy of diploma,
- letter of recommendation, if available, or contact details of supervisors,
- candidate's declaration of consent to the processing of personal data: *"I hereby authorize you to process my personal data included in my job application for the purpose 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)"*.

For your information:

Rules for the protection of personal data used by the Medical University of Warsaw:

1. The administrator of personal data is the Medical University of Warsaw located in Warsaw, Żwirki i Wigury 61, 02-091 Warszawa, Contact to the Data Protection Officer - email address: iod@wum.edu.pl.
2. Personal data will be processed in order to implement the recruitment process pursuant to art. 22¹ of the Labor Code, and in the case of providing a broader scope of data pursuant to art. 6 § 1a GDPR - consent expressed by the candidate.
3. Access to personal data within the University's organizational structure shall only have employees authorized by the Administrator in the necessary scope.
4. Personal data will not be disclosed to other entities, except for entities authorized by law.
5. Personal data will be stored for the period necessary to carry out the recruitment process, up to 12 months from the settlement of the recruitment process. After this period, they will be removed.
6. You have the right to access your data, the right to rectify, delete, limit processing, the right to transfer data, the right to object to the processing, the right to withdraw consent.

7. You have the right to withdraw consent to the processing of your personal data at any time, which will not affect the lawfulness of the processing that was carried out on the basis of consent before its withdrawal.
8. You have the right to lodge a complaint with the Office for Personal Data Protection when it is justified that his personal data are processed by the Administrator in breach of the general regulation on the protection of personal data of April 27, 2016.
9. Providing personal data is voluntary, but necessary to participate in the recruitment process to the extent specified in art. 22¹ § 1 of the Labor Code, voluntary in the remaining scope.
10. Decisions will not be taken in an automated manner and personal data will not be subject to profiling.