



Ph.D. Student position

In the field of Cancer Therapy

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 “iTune, Immunity of Tumors, New Multi-modal Explorations”, funded by the NAWA (Polish National Agency for Academic Exchange), focusing on the modulation of the immune response by the tumor microenvironment, including tumor-derived extracellular vesicles. The project involves international collaborations with experts in the field of omics analysis.

We are seeking open-minded, independent, and highly motivated candidates with hands-on experience in cancer immunology, cell signaling, tumor metabolism, and bioinformatics.

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. The position is available for 21 months, but could be extended with future funds. The start date for the position is envisaged to be **December 1st, 2025**.

Stipend from the project:

3000 PLN/month, which can be combined with an additional fellowship from the Ph.D. School of the Medical University of Warsaw (<https://szkoladoktorska.wum.edu.pl/>).

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
- 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:

Send documents to Project Leaders, Dr. Beata Pyrzyńska, email: beata.pyrzynska@wum.edu.pl, or Dr. Abdessamad Zerrouqi, email: azerrouqi@wum.edu.pl.

Research group link: <https://biochemia.wum.edu.pl/zespol-dr-pyrzynska-zerrouqi>

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.