



**MEDICAL UNIVERSITY
OF BIALYSTOK**



Faculty of Pharmacy
with the Division of Laboratory Medicine
Scientific category A+

Professor Wojciech Miltyk, PhD
Dean of the Faculty

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Organizational Units

I. Departments:

Department of Pharmaceutical Biochemistry ▶

Department of Biology ▶

Department of Biopharmacy and Radiopharmacy ▶

Department of Biotechnology ▶

Department of Bromatology ▶

Department of Clinical Pharmacy ▶

Department of Physical Chemistry ▶

Department of Medicinal Chemistry ▶

Department of Medical Chemistry ▶

Department of Inorganic and Analytical Chemistry ▶

Department of Biochemical Diagnostics ▶

Department of Aesthetic Medicine ▶

Department of Haematological Diagnostics ▶

Department of Microbiological Diagnostics and Infectious Immunology ▶

Department of Pharmaceutical Technology ▶

Department of Pharmacodynamics ▶

Department of Pharmacognosy ▶

Department of Pharmaceutical and Biopharmaceutical Analysis ▶

Department of Monitored Pharmacotherapy ▶

Department of Experimental Physiology and Pathophysiology ▶

Department of Histology and Cytophysiology ▶

Department of Immunology ▶

Department of Specialist Cosmetology ▶

Department of Clinical Laboratory Diagnostics ▶

Department of Paediatric Laboratory Diagnostics ▶

Department of Synthesis and Technology of Drugs ▶

Department of Toxicology ▶

II. Laboratories:

Independent Cosmetology Laboratory ▶



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We The Faculty...

The Faculty of Pharmacy at the Medical University of Białystok (MUB) excels in science and research, with its members conducting cutting-edge studies across diverse fields. Our work often results in high-impact publications, patents, and collaborations with international research institutions and entrepreneurs.

Equipped with advanced laboratory facilities and interdisciplinary expertise, the faculty actively participates in competitive grant-funded projects, fostering innovation and driving advancements in pharmaceutical sciences. **Our dedication to research significantly enhances the international standing of MUB as a hub for scientific discovery.**

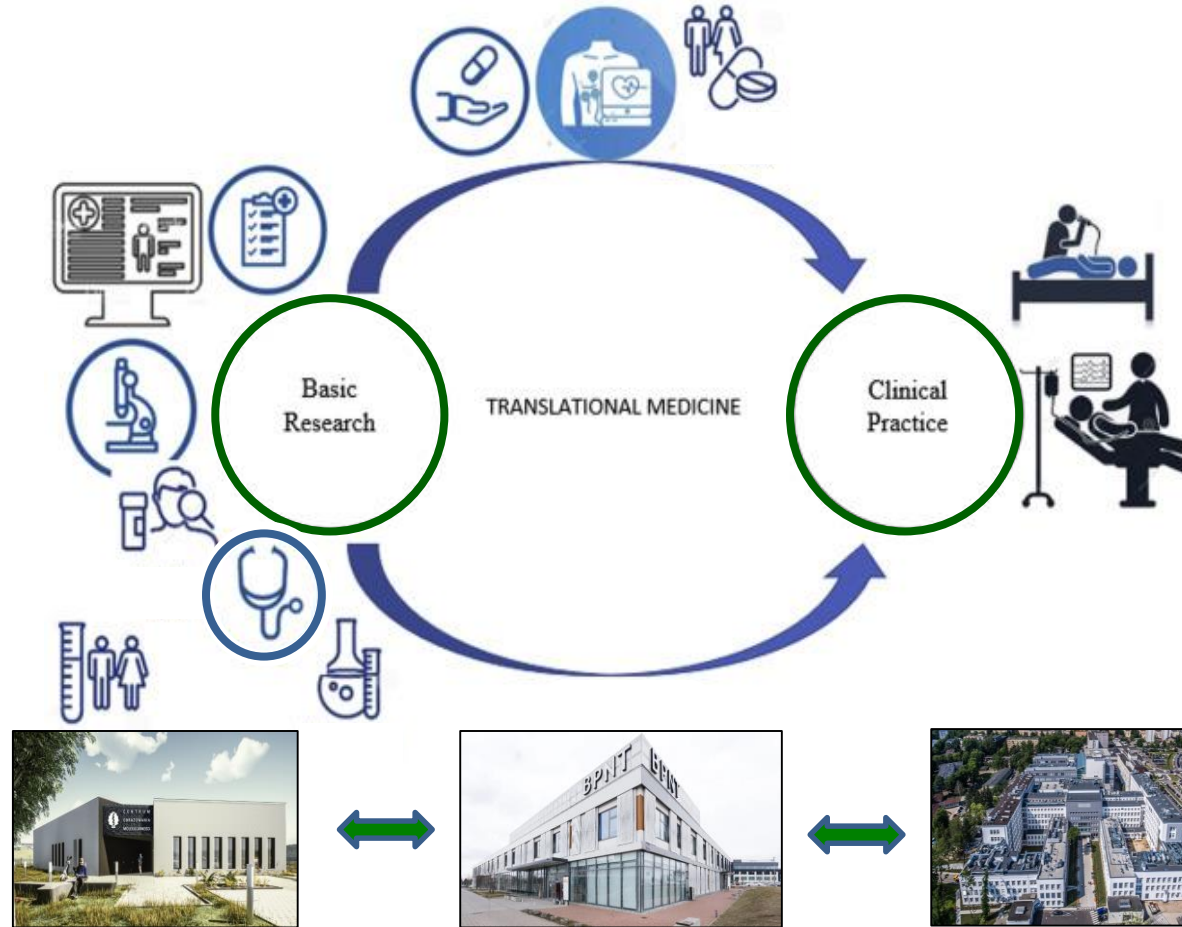




The Faculty staff primary scientific interests include:

- The functional food,**
- Medical diagnostics, with a particular focus on the evaluation of the pathomechanisms of neoplastic, inflammatory, and metabolic diseases, as well as the identification of their markers,**
- Investigation of drug action mechanisms,**
- Assessment of drug toxicity,**
- Radiopharmacy,**
- Pharmacodynamic and pharmacokinetic profiling,**
- Drug formulation technology,**
- Development of new synthetic and natural drugs.**

Translational Research at MUB





A lot of our inventions are patent protected, included into clinical practice or have been commercialized. The latest of these include:

- development of mucoadhesive delivery platform for delta-aminolevulinic acid for oral Lichen planus treatment and its utilization in the clinical practice,
- international guidelines, including those for American and European physicians, introducing new standards of therapy for NSCLC (non-small cell lung cancer),
- commercialization of innovative health-promoting products in international markets,
- a Medical Honey product based on propolis extract, delaying the development of brain glioblastoma,
- a preparation licensed by MUB to strengthen bees from LOB.



The Faculty of Pharmacy at the Medical University of Białystok (MUB) collaborates with various prominent universities and research institutions worldwide.

Examples of international partnerships include:

- **University of Bonn (Germany)**
- **University of Harvard (USA)**
- **Universidad CEU San Pablo (Spain)**
- **University of Turku (Finland)**
- **University of Zurich (Switzerland)**
- **Rudjer Boskovic Institute (Croatia)**
- **University of Pavia (Italy)**
- **University of Zagreb (Croatia)**
- **National Cancer Institute at Frederick, MD (USA)**
- **University of Hyogo (Japan)**

These partnerships involve academic exchanges, research collaborations, and participation in programs like Erasmus+ and the PROM initiative by the Polish National Agency for Academic Exchange. Such initiatives aim to enhance the competencies of faculty, researchers, and students while fostering internationalization.



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The Medical University of Białystok has been ranked for the first time ever in the prestigious Shanghai Ranking (Global Ranking of Academic Subjects)

The University was listed in two categories:

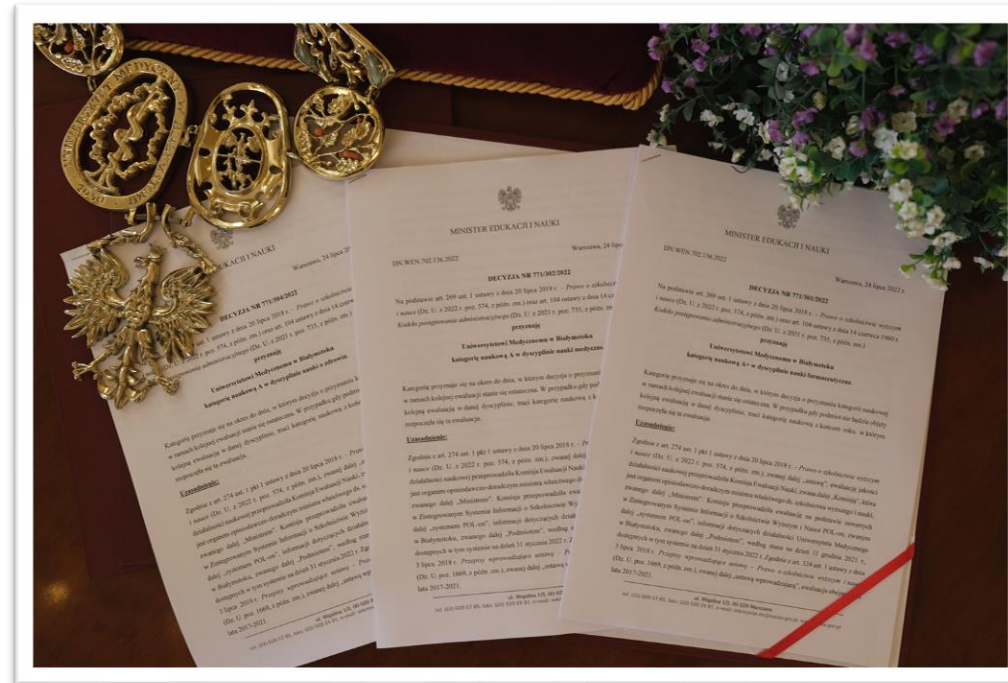
Pharmacy & Pharmaceutical Sciences - as one of two universities in Poland, MUB ranked in the 201-300 range. These are the highest rankings in Poland!

Human Biological Sciences - MUB ranked in the 401-500 range and was included in this ranking as one of three Polish universities



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The confirmation of the significant position of the Faculty is the scientific categories awarded by the Ministry of Education and Science (in the evaluation of scientific activity for 2017-2021): **the highest possible A+ category**





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CoNieCo the best student organisation in Poland

The CoNieCo student club was recognised as the best student organisation in Poland in the 'Pro Juvenes' 2024 competition organised by the Polish Students' Parliament. The winners are selected by students themselves in an online vote (120 000 votes were cast!).



The CoNieCo club is one of the few places cultivating student culture with a capital 'S' and 'C'. The last bastion of good cabaret, poetry and author's song in this part of Poland. It is a space for people who devote a lot of time to extremely difficult studies, and who find in themselves boundless reserves of creative sensitivity.



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<https://www.umb.edu.pl>

<https://www.umb.edu.pl/wf>



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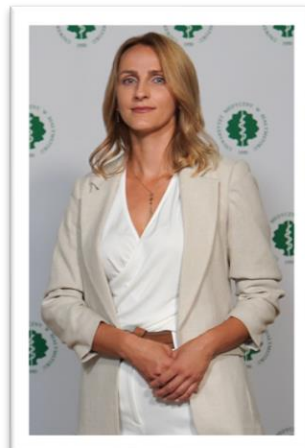
**Assoc. Professor
Anna Gromotowicz-
Popławska, PhD**
Vice-Dean for Student
Affairs



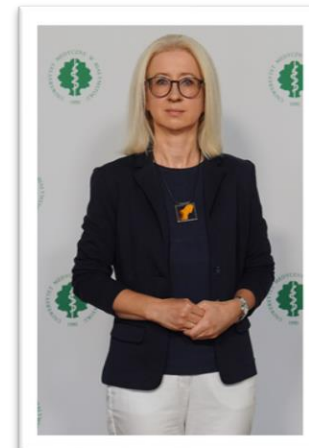
**Professor
Milena I. Dąbrowska MD, PhD**
Vice-Dean for Quality
of Education and
Study Programmes



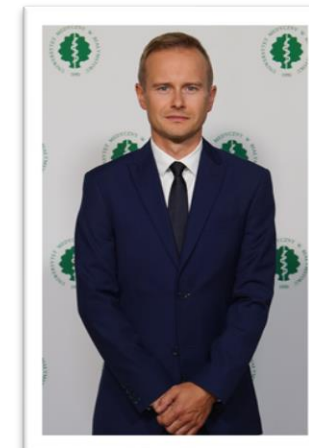
**Assoc. Professor
Justyna Hermanowicz, PhD**
Vice-Dean for Promotion and
Development



**Assoc. Professor
Sylwia Naliwajko, PhD**
Vice-Dean for Cooperation
with the Socio-Economic
Environment



**Professor
Katarzyna Winnicka, PhD**
Vice-Dean for Science and
Evaluation



**Assoc. Professor
Bartłomiej G. Kałaska, PhD**
Vice-Dean for Science and
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**On the occasion of Christmas,
I wish you moments filled with warmth
and joy, spent with your loved ones,
peace, love, and hope
that these special days bring.**

**May the New Year bring health,
the fulfillment of your dreams, and success
both in your personal and professional life.**

Merry Christmas and a Happy New Year! 🎄 ✨