

# MEDICAL UNIVERSITY OF GDAŃSK



**TRADITION – PROGRESS – MODERNITY**

**Europe**

**Poland**

**Gdańsk**

**MUG**











**We cherish tradition of the Stefan  
Batory University in Vilnius**





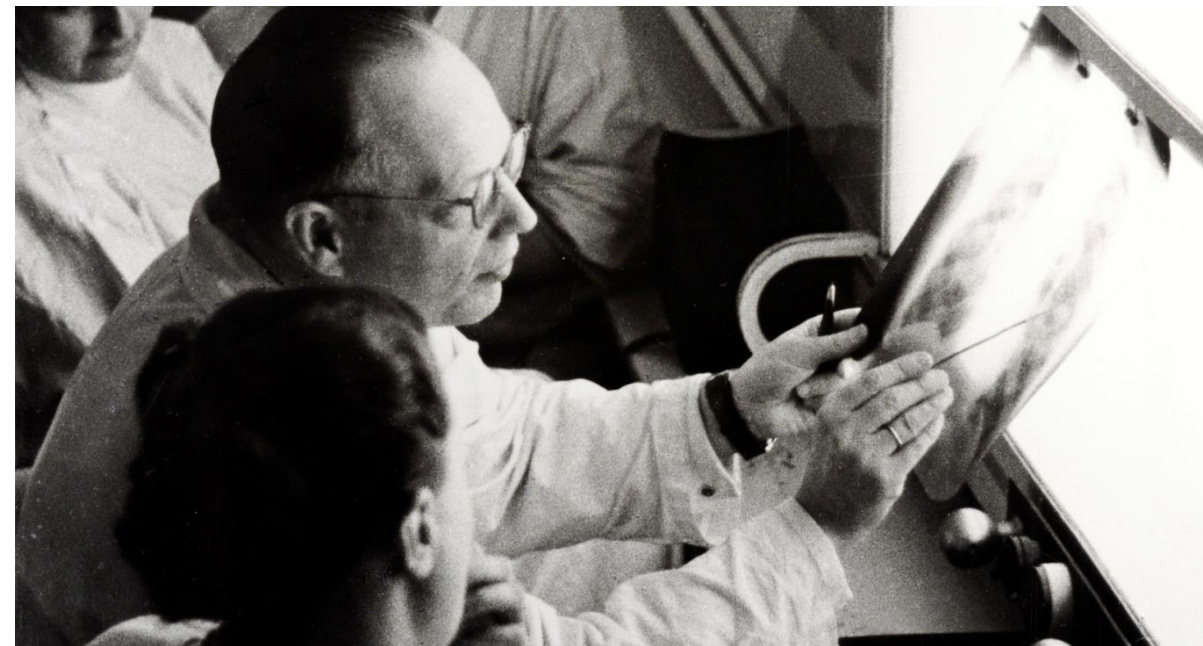
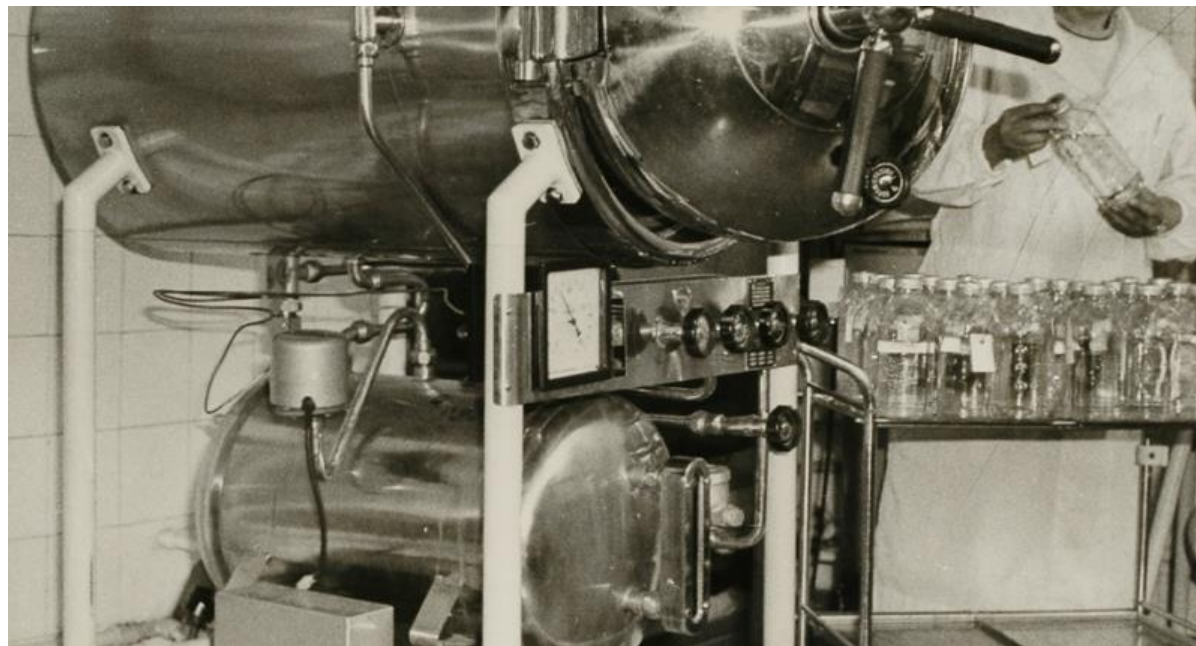
# OUR HISTORY

**MUG is one of the oldest medical universities in Poland**

- The Physician Academy of Gdańsk – October 8<sup>th</sup> **1945**
- Medical Academy of Gdańsk – **1950**
- Intercollegiate Faculty of Biotechnology UG\* and MUG – **1993**
- English Division of the Faculty of Medicine – **2001**
- The Faculty of Health Sciences with Subfaculty of Nursing – **2006**
- **Medical University of Gdańsk – 2009** (Academy changed status to Medical University of Gdańsk)

*\*UG – University of Gdańsk*









# DID YOU KNOW...

- That more than 17% of students at the Medical University of Gdańsk are international students
- That medicine is still one of the most popular fields of study in Poland
- Over 50% of all international students in Gdańsk study at the Medical University of Gdańsk







# MUG RANKS

**the 1st best medical  
university in Poland**

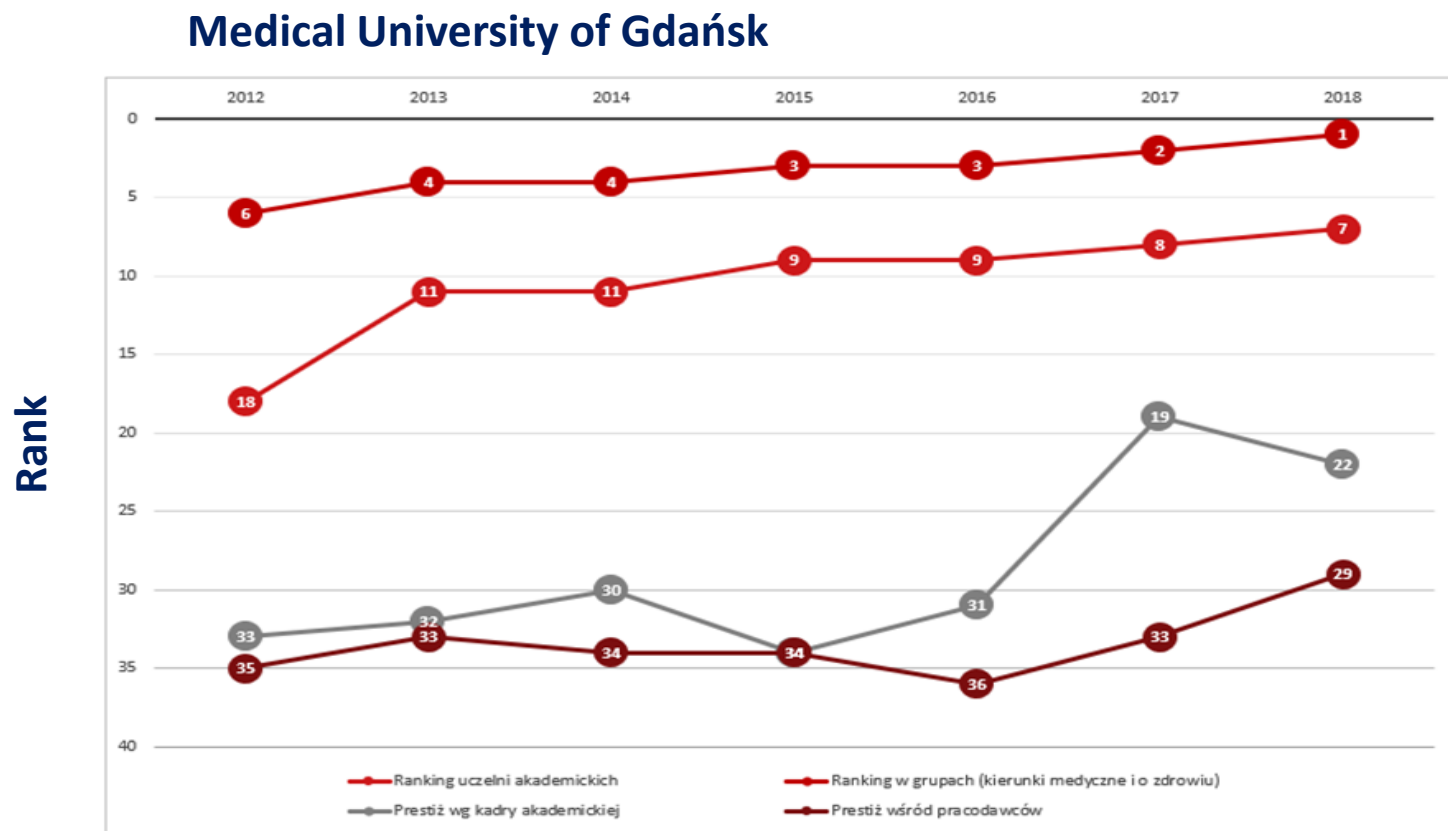
- MUG is the largest medical university in northern Poland
- MUG ranks No. 7 among all the Polish universities in the 2018 edition of the most popular national educational ranking







# MUG HISTORY IN THE NATIONAL RANKING OF UNIVERSITIES





# PUBLISHING LEADER

- Medical University of Gdańsk is the winner of the **ELSEVIER Research Impact Leaders Award 2018** and **2017** in the field of Health and Medical sciences
- Publications of MUG scientists are one of the most frequently cited in prestigious magazines







# OUR SCIENTISTS

- Are successful in their research in the fields of **oncology, genetics, testing innovative medicines or using biomaterials**, which are particularly relevant for developing new, advanced bone implants
- Are involved in epidemiology studies, modeling of heart diseases
- Hold high positions in national and international medical associations





# SCIENTIFIC AWARDS

- Prize of the Foundation for Polish Science for MUG's professors: **Roman Kaliszan** (2003), **Janusz Limon** (2004) and **Piotr Trzonkowski** (2017)
- Jan Heweliusz Scientific Prize for MUG's professors: **Stefan Angielski** (1990), **Olgierd Narkiewicz** (1994), **Mariusz Żydowo** (1998), **Roman Kaliszan** (2000), **Bolesław Rutkowski** (2004), **Janusz Limon** (2006), **Marek Latoszek** (2008), **Jacek Jassem** (2009), **Andrzej Szutowicz** (2011), **Krzysztof Narkiewicz** (2014), **Michał Woźniak** (2018)
- Heine H. Hansen Award for prof. **Rafał Dziadziuszko** from Department of Oncology and Radiotherapy (2017)
- Professor **Miłosz Jaguszewski** from the MUG's 1st Department of Cardiology, won Supertalents in Medicine competition in 2018



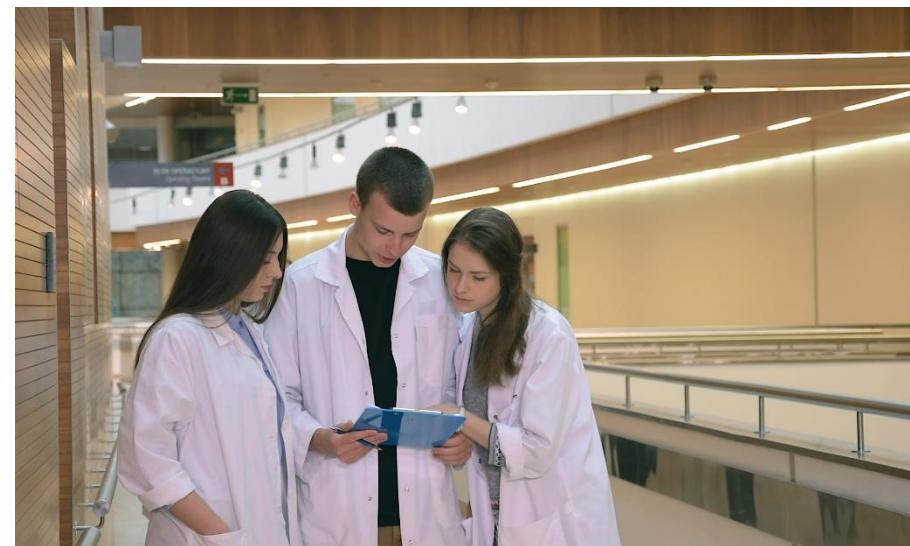






# MUG

- Educates almost 6000 students, Ph.D. and postgraduate students at 4 Faculties
- Offers 4 programmes conducted in ENGLISH
- Has modern clinical and teaching facilities







# OUR OFFER

Faculty	Study programmes	Science rank
Faculty of Medicine	6 years/5 years	A
Faculty of Pharmacy with Subfaculty of Laboratory Medicine	5 years	A+
Faculty of Health Sciences with Subfaculty of Nursing	3 years/5 years	A
Intercollegiate Faculty of Biotechnology (joint project with University of Gdańsk)	3 years/5 years	A+



# EDUCATION – STUDY PROGRAMMES

- Medicine (Polish and English)
- Dentistry
- Dental Techniques
- Pharmacy (Polish and English)
- Medical Analytics
- Nursing (Polish and English)
- Midwifery
- Nutrition and Dietetics
- Electroradiology
- Environmental Health
- Rescue and Emergency Medicine
- Physiotherapy
- Public Health
- Psychology of Health
- Pharmaceutical and Cosmetic Industry
- Biotechnology (with University of Gdańsk)
- Mechanical-Medical Engineering (with Gdańsk University of Technology)
- Medical Physics (with University of Gdańsk)
- Speech Therapy (with University of Gdańsk)  
+ doctoral studies (level 3)





# OFFER IN ENGLISH

- 6-year M.D. Programme
- 5,5-year Master in Pharmacy Programme
- 3-year Bachelor of Nursing Programme
- 1-year Premedical Course





# 6-YEAR M.D. PROGRAMME

- Available for candidates from all over the world
- Apply via MUG or proper recruitment companies depending on citizenship
- The extended curriculum is based on strict European and US standards. Upon graduation, students receive a diploma of M.D. and can apply for a license to practice medicine







# 5,5-YEAR PHARMACY PROGRAMME

- Available for candidates from all over the world
- Apply via MUG or proper recruitment company
- Curriculum based on strict European and US standards
- The 11-semester Pharmacy Programme, including 6-months pre-registration training in an approved pharmacy leads to the degree of Master of Pharmacy and allows for registration as a pharmacist in Poland
- The Polish registration is recognised in other EU member states





# 3-YEAR BACHELOR OF NURSING PROGRAMME

- Available for candidates from all over the world
- Modern Nursing Skills Lab with special equipment and teaching aid such as manikins
- Graduates will be prepared to practice nursing independently all over the world
- Curriculum based on strict European and US standards







# 1-YEAR PREMEDICAL COURSE

- Available for high school graduates and especially for applicants who haven't been accepted for 6-year M.D. Programme
- Meets the needs of high school graduates who wish to pursue medical education, but who have taken few or none of the science courses required for successful admission to medical school
- Lasts from the beginning of October to the end of May and is divided into 2 semesters
- All classes are conducted in English
- Graduates have the opportunity to be accepted for the 6-year M.D. Programme at the MUG in next academic year





# ORIENTATION WEEK

- Special week of orientation activities and courses for all freshman students and incoming ERASMUS+ students
- Introduces students to medical university realities and formally inducts them into the chosen medical professions
- Major activities include Welcome and Overview, Social Events, Distribution of Student ID Cards, Polish Language Course, Matriculation Ceremony, Student Resources, Stress Management/Mental Health information





# OUR STUDENTS

Faculty	Students Total	Students International
Faculty of Medicine	3131	910
Faculty of Pharmacy with Subfaculty of Laboratory Medicine	854	10
Faculty of Health Sciences with Subfaculty of Nursing	1625	15
Intercollegiate Faculty of Biotechnology (joint project with University of Gdańsk)	317	–
Doctoral students	432	–
<b>TOTAL</b>	<b>6359</b>	<b>935</b>





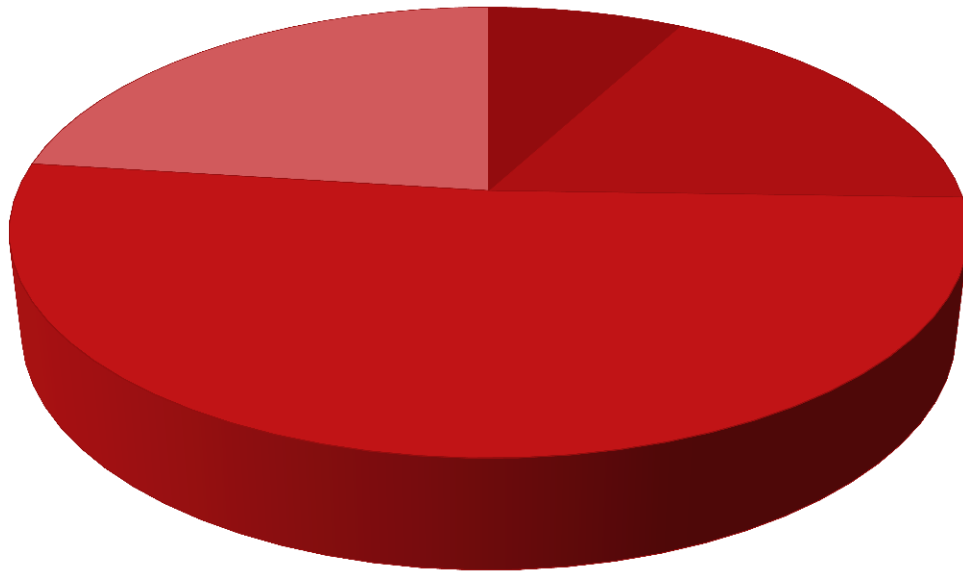
# FOREIGN STUDENTS

Sweden	328
Norway	133
India	108
Iran	33
The Kingdom of Saudi Arabia	31
Italy	23
Iraq	22
Canada	22
Spain	20
Germany	19
UK	11
Other (< 10 per country)	185
<b>TOTAL NUMBER</b>	<b>935</b>





# ACADEMIC STAFF



■ Full Professors 82

■ Assoc. Professors 184

■ Ph.D. 538

■ Other staff with master's degree 240





# EDUCATION – SUPPORT

- Medical Simulation Centre – 21 simulation rooms; nursing skills simulation lab; physical examination simulation lab; dental simulation lab
- Modern Main Library – 2 reading halls; 246 reader seats; 6 individual and group work rooms; 443,431 books, journals and special items; over 33,000 e-books; about 25,000 e-journals
- High-profile students' science groups and students' scientific conferences
- New Sports Centre will allow the MUG's students and athletes from its sport sections sports activities in comfortable conditions





# MUG'S STUDENTS

- frequently earned the Red Rose Award, either individually or as part of student scientific circles
- won nationwide competitions, such as Scapula Aurea, Superhelisa or Great Synapse as well as gained individual successes
- organise events focused on prevention, such as White Saturdays, Wampiriada, Marrow Hero, Touch the breasts campaign







# FOREIGN ACCREDITATIONS

confirm high academic level of the teaching offered by  
the Medical University of Gdańsk:

- **Medical Board of California (MBC)**



**Accreditation** for medical studies in the Polish language at the Faculty of Medicine

- **Medical Council of India (MCI)**



**Accreditation** granted to the Faculty of Medicine

- **Medical Council of Thailand (TMC)**



**Accreditation** granted for the Faculty of Medicine for 5 years (until 2022)

- **Accreditation** of Ministry of Health and Medical Education of the Islamic Republic of Iran



- **National Committee on Foreign Medical Education and Accreditation (NCFMEA)**

**Accreditation** for the Faculty of Medicine (and other medical schools in Poland) valid until 2020





# THE MUG IS RECOGNIZED

- **World Federation for Medical Education and the Foundation for Advancement of International Medical Education and Research (WFME)**



WFME is a non-governmental organisation which initiated official relations with the World Health Organization (WHO) representing medical education, physicians education and training all over the world

- **Academic Ranking of World Universities (ARWU)**

The world's oldest university ranking, also known as the Shanghai Ranking



- **CWTS Leiden Ranking 2018**

The 2018 ranking edition was prepared on the basis of bibliometric indicators from four years (2013-2016) and covers 938 universities from all over the globe.







# MUG HOSPITALS

- University Clinical Centre
- University Centre for Maritime and Tropical Medicine
- University Dental Centre
- Clinical departments in other hospitals











# MEDICAL LEADERS 2018

MUG & UCC unrivalled in the „Success of the Year in Healthcare – Leaders in Medicine” competition in „Menadżer Zdrowia” journal awarded by:

- MUG for educational and training activities
- UCC as a most innovative hospital in Poland







# UNIVERSITY CLINICAL CENTRE

- Invasive Medicine Centre (since 2011)
- Non-Invasive Medicine Centre (partly operational; full potential in 2020)
- Translational Medicine Centre
- Integrated Medicine and Telemedicine Centre
- Dental Care Centre
- Family Medicine Centre
- Specialized care centres





# INVASIVE MEDICINE CENTRE

- Top-class medical technology, including first in Poland 1.5-Tesla MRI device Magnetom Aera
- Integrated location of clinical departments of surgery, orthopaedics, anaesthesiology & intensive care, oncological surgery, plastic & reconstructive surgery and support units
- Traumatology Centre
- Department of Emergency Medicine
- One-day surgery unit







# NON-INVASIVE MEDICINE CENTRE

- About 700 hospital beds
- Cutting-edge medical equipment, including radiotherapy, chemotherapy and nuclear imaging devices
- State-of-the-art OB&GYN and neonatal care facilities
- Advanced haematology, nephrology and transplantology centres
- Operating theatres with integrated control systems
- University Laboratory Medicine Centre
- Lecture halls and seminar rooms







# UNIVERSITY CLINICAL CENTRE

## Latest achievements – 2018

- Second in Poland simultaneous heart and kidney transplant
- First in Poland and one of few in the world mitral valve repair surgery in a patient in 17th week of pregnancy
- First in the region lung transplant surgery
- First in the region liver transplantation
- A pioneering pancreatic islets transplantation

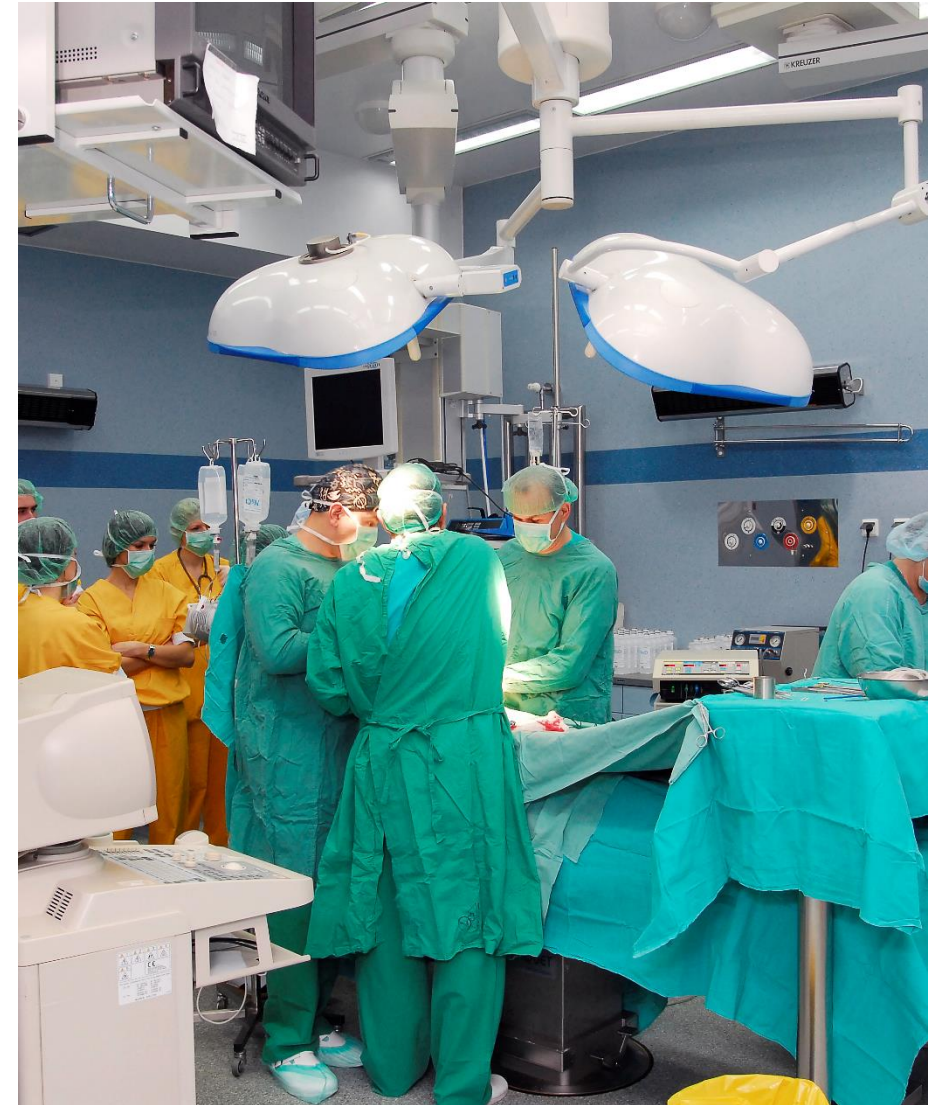




# UNIVERSITY CLINICAL CENTRE

## Latest achievements – 2019

- 1st in Poland and one of the few in the world atrial cardiac flow regulator implantation (January 2019)
- First use of mechanical thrombectomy in child stroke therapy in Poland (February 2019)











# INTERNATIONAL COOPERATION

- MUG cooperates with many centers in Europe and the world, i.e. as part of intercollegiate and intergovernmental agreements, thematic networks, membership in international organisations or science conferences and symposiums (nearly 800 institutions from Europe and over 200 institutions from USA)
- Interinstitutional cooperation with 34 universities and institutes
- MUG is a member of: Baltic Sea Region University Network, ScanBalt, EUPRIO, Study in Poland, Study in Pomorskie



# Erasmus+

- **Since 1998** the University has actively participated in the Erasmus+ (previously **SOCRATES/Erasmus Programme**)
- Each year a growing number of our students are sent to 50 partner universities in the EU
- The University accepts an increasing number of international students, who complete part of their studies at MUG in English



# INTERNATIONAL GUEST STUDENTS

- Opportunity to study medicine for 1 to at most 2 semesters at MUG without being part of a specific exchange programme and on a payment basis
- Guests students receive a Transcripts of Records
- There is no degree granted to those students
- In order to become a guest student, an international student has to undertake courses of at least 10 ECTS/semester
- All courses are fully taught in English





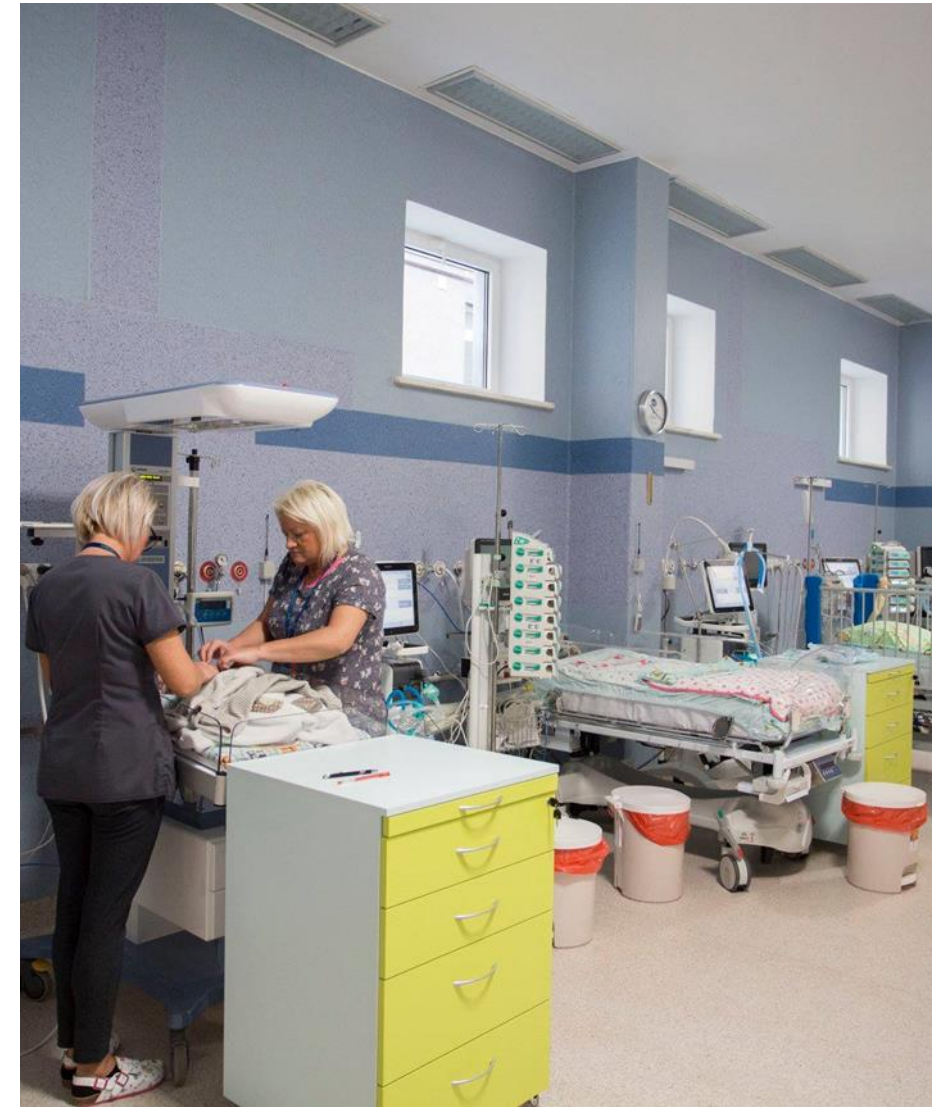






# NEW UNITS

- The Prostate Cancer Unit
- The Breast Cancer Unit
- Familial Hypercholesterolemia Unit
- Intensive Children's Therapy Department
- Liver Transplantation Centre
- Rare Diseases Centre





# 3P-MEDICINE – PREVENTIVE, PERSONALIZED, PRECISION

- The MUG in partnership with the University of Uppsala received nearly 40 million PLN (over € 9 M) for the creation of a new centre specialising in research on genetic aberrations acquired throughout life as risk factors for cancer and other diseases
- Will be created thanks to funds provided by the Foundation for Polish Science
- Project leaders – prof. Arkadiusz Piotrowski (MUG) and prof. Jan Dumański (Uppsala University)

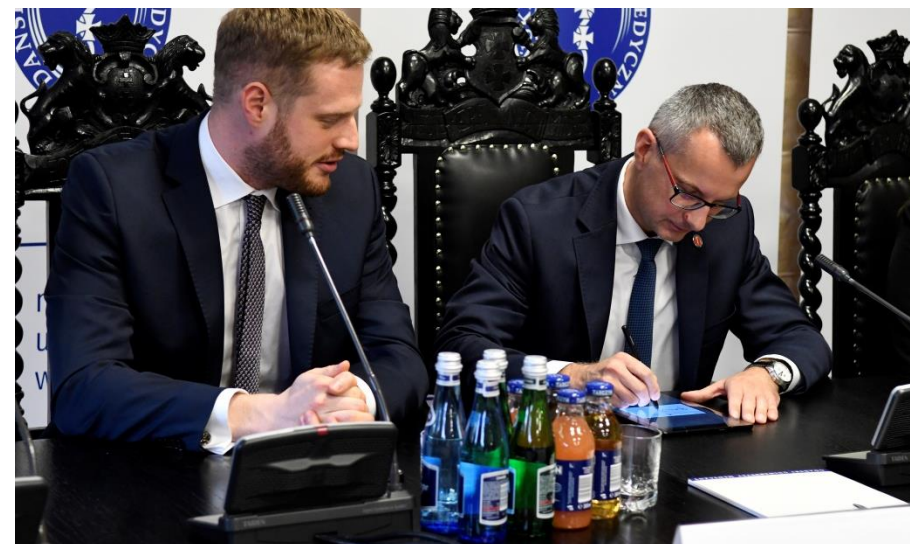






# CARDIAC SIMULATION LABORATORY

- The implementation of this projects will increase professional competences and qualifications of multi-professional teams
- It's responding to epidemiological and demographic needs, including cardiovascular diseases, cancer, mental disorders, respiratory diseases, the osteoarticular-muscular system diseases, as well as surgical skills





# KEY AREAS OF RESEARCH

- Oncology & radiotherapy – **prof. Jacek Jassem**
- Clinical genetics & genetic counseling – **prof. Janusz Limon**
- Cardiovascular Diseases – **prof. Krzysztof Narkiewicz**
- Quantitative Structure-Retention Relationship, Biopharmaceutics and Pharmacodynamics – **prof. Roman Kaliszan**
- Immunology, cell therapy, innovative immunosuppressive drugs – **prof. Piotr Trzonkowski**







# MUG CHOIR

- One of the oldest academic choirs in Poland
- In 2016 the Choir celebrated their 70th anniversary
- The Choir gave concerts in 25 countries around the world
- The Artistic Director and Conductor is Bartosz Połom
- The MUG's Choir recorded 7 CDs and live concerts DVD







# MUSEUM OF MUG



- Opened in 2006
- Collects and displays items related to the history and tradition of the MUG since 1945
- The collection also includes artifacts from the Faculty of Medicine at the Stefan Batory University in Vilnius in the years 1919-1939 and others associated with medicine in Gdańsk since the 16th century
- The sources of these exhibits, especially those connected with the recent history, are MUG's departments, current and former employees, and MUG graduates



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**[www.mug.edu.pl](http://www.mug.edu.pl)**

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