



# MEDICAL UNIVERSITY OF BIALYSTOK

**„International Interdisciplinary PhD studies  
in Biomedical Research and Biostatistics.**

**Supporting the career and training in omic-based research  
and biostatistics by inter-national and -sectoral mobility”**



**ImPRESS  
Horizon 2020  
H2020-MSCA-COFUND-2016  
Doctoral programmes**





Interdisciplinary PhD Studies in Biomedicine aimed at **young aspiring scientists**, who will conduct research on **life-style diseases** and on biostatistics and bioinformatics methods necessary to process and interpret data obtained in research projects:

- **15 PhD students** involved in scientific projects supervised by excellent researchers, notable scientists selected from partner organisations, with a **profound expertise and experience**,
- an outstanding opportunity for **in-depth education** in high-throughput experimental and computational techniques used in genomics, proteomics, metabolomics and immunology,
- salary: around **2600 EUR/month**,
- **internships**, short research visits, conferences and **trainings at the partner institutions**,
- **scientific visits at industry partner organisations.**





## Early-Stage Researchers RECRUITMENT

ESRs from any country in the world who at the time of recruitment:

- are in the **first four years** (full-time equivalent research experience) **of their research careers** and have not been awarded a doctoral degree before, and:
- have not resided or carried out their main activity (work, studies, etc.) in Poland for more than 12 months in the past 3 years immediately prior to the account, and:
- have title of medical doctor, master of science or equivalent in: medicine, pharmacy, laboratory medicine, biotechnology, and other fields closely related.

**Opening date of the call:**  
**01.03.2018**

**Closing date of the call:**  
**31.05.2018**

Interviews: June 2018 MUB's premises, Białystok, Poland.

**Announcement of the results: July 2018**





# PROJECT BUDGET and TIMELINE

Project duration: **5 years**  
(01.02.2018-31.01.2023)  
EU contribution 1'569'600 EUR  
Project total cost **3'616'560 EUR**

## Early Stage Researcher's budget:

**Salary: 31'164 EUR/year**  
(Living allowance + Mobility allowance)

Travel allowance: 3'564 EUR/year

Research funds: 6'000 EUR/year

Employment period:  
**01.10.2018-30.09.2022**





MUB has a unique and strong position in the life science research/education in Poland having the status of a **Leading National Research Centre (KNOW)** in medicine/health science in Poland for the years 2012-17.

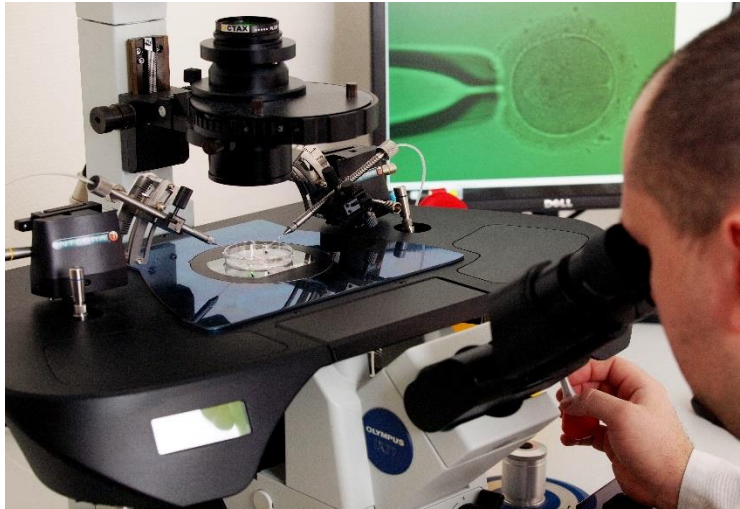
- MUB has established the **Centre for Innovative Research**, which comprises Mossakowski Medical Research Centre, Polish Academy of Sciences, CenStat, Hasselt University, CEMBIO, CEU San Pablo University in 2012.
- MUB has been acquiring funds from the Regional Operational Programme for unique in Poland **large-scale research facilities** since 2012.
- Faculty of Pharmacy with the Division of Laboratory Medicine - **the highest ranked research institute** in the field of life science in Poland (A+ score); Faculty of Medicine with the Division of Dentistry and Division of Medical Education in English - **the highest score among all medical faculties** in Poland.
- MUB shows **high scientific and clinical potential in the field of modern medicine** and vast experience in running Interdisciplinary PhD Studies in English in cooperation with foreign partners.







# MUB scientific and technological excellence





## Previous Interdisciplinary PhD Studies in English (2013-2017)



- Over 20 PhD students had the opportunity to gain experience through the research stays in the best research centers in Europe and worldwide and thanks to the visits of prominent foreign scientists, who conducted specially designed classes.
- Scientists from MUB implemented around 100 research projects in the areas of interest of KNOW, which so far resulted in almost 150 publications with a total impact factor (IF) around 400.
- MUB's employees, students and doctoral students within KNOW thematic areas held over 300 visits to famous research centers.
- MUB hosted over 70 experts from international scientific centers who gave lectures or conducted courses for PhD students and the whole academic community.





# Partner organisations

## ACADEMIA:

- Hasselt University (Belgium)  
Center for Statistics
- Heidelberg University (Germany)  
Medical Faculty Mannheim
- CEU San Pablo University (Spain)  
Center for Metabolomics and  
Bioanalysis
- CNIC Spanish National Center for  
Cardiovascular Research (Spain)  
Genomics Unit
- Vienna Biocenter Core Facilities  
GmbH (Austria)  
Bioinformatics & Scientific  
Computing
- Bialystok University of Technology -  
Politechnika Bialostocka (Poland)  
Faculty of Computer Science

## BUSINESS SECTOR:

- deCODE genetics (Iceland)
- ideas4biology Ltd. (Poland)
- Warsaw Genomics sp. z o. o.  
(Poland)
- Agilent Technologies Sales &  
Services GmbH & Co. KG.  
(Germany)  
Center of Excellence/European  
Field Support Center







# Excellence of the research programme

## THEMATIC AREAS:

- Cancer/Mutagenesis,
- Cardiovascular Diseases,
- Diabetes/Obesity,
- Metabolic Diseases,
- Immunology Studies,
- Neurodegenerative Diseases,
- Regenerative Medicine,
- Molecular Biology,
- Genomics,
- Protein Analysis and Proteomics,
- Metabolomics/Lipidomics,
- Experimental Medicine,
- Population Medicine and Epidemiology.

As a result of the ImPRESS project best young scientists from the beginning of their academic career will be able to gain scientific independence and will have huge motivation to become more involved and creative in the research projects.





## Any questions?

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**See you in Białystok, Poland!**

