



Ministry of Science and Higher Education
Republic of Poland

Co-financed by the project of Minister of Science and Higher Education "Industry Contact Points for the Horizon Europe Research and Innovation Framework Programme"



Industry
Contact
Point
Medical
Technologies
and Health



Industry
Contact
Point
Digital
Transformation



Industry
Contact
Point
Industry 4.0

LOWER
SILESIA



DOLNY
ŚLĄSK

Poznan University of Medical Sciences PUMS

Digital hospital

STUDY VISIT
& MATCHMAKING

PUMS



Poznan University of Medical Sciences / PUMS

<https://ump.edu.pl/en>

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PUMS - research support assets



- 2000 highly skilled and experienced people
- advanced infrastructure and interdisciplinary research teams
- from preclinical studies, through bioinformatic and pharmacokinetic analyses, to clinical trials and biobanking
- strategic units:
 - University Clinical Research Support Center
 - The Greater Poland Center for Digital Medicine
 - The Center for Innovative Pharmaceutical Technology
 - The Center for Experimental Medicine

PUMS – experience in EU grants



1. 101156325 — IMPROVE PRETERM — HORIZON-HLTH-2024-DISEASE-03-two-stage

Title: *IMPROVing lifElong health and development for children and adults born very PRETERM – observational studies to enhance randomised trials for comparative effectiveness research*

<https://improve-preterm.eu>

2. 101126953-JACARDI-EU4Health-JA-IBA

Title: *JACARDI Joint Action on CARdiovascular diseases and Diabetes*

<https://jacardi.eu/>

3. Horizon2020-MSCA-RISE GA778051 (**coordinator - PUMS**)

Title: *Open Research Biopharmaceutical Internships Support (ORBIS)*

www.orbisproject.eu



Calls of interest



- HORIZON-HLTH-2027-01-ENVHLTH-MISSCLIMA-03:
Tools and technologies to support health adaptation to climate change
- HORIZON-HLTH-2027-02-DISEASE-14-two-stage:
Clinical trials for advancing innovative interventions for neurodegenerative diseases
- HORIZON-HLTH-2027-03-TOOL-08:
Towards Artificial General Intelligence (AGI) for healthcare
- HORIZON-HLTH-2027-01-DISEASE-10:
Prevention and management of chronic noncommunicable diseases in children and young people (GACD)
- HORIZON-HLTH-2027-01-CARE-02:
Personalised approaches to reduce risks from Adverse Drug Reactions due to administration of multiple medications

Expertise offer



- Clinical trials conducted in compliance with GCP standards, with regulatory and publication support.
- Highly specialized competencies in bioinformatics and the analysis of omics and data imaging.
- A key partner in data-driven and personalized medicine projects.
- Capability to develop predictive models for industry and digital health solutions.
- Conducts full-scale preclinical studies (*in vitro*, *in vivo*, *in silico*) and pharmacometric analyses.
- High-end specialized laboratories (microbiology, phytochemistry, bioanalysis, genetic engineering).
- Compliance with FDA/EMA/ICH standards and readiness for commercialization.
- Comprehensive studies on safety and efficacy, including for nanomaterials.



Collaboration needed



- Implementation of AI in data assessment
- Innovative tools for remote diagnostics
- Personalized medicine and pharmacogenetics in psychiatry
- Cancer prevention



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Thank you!



Digital hospital

Please wait...