

STUDY VISIT AND MATCHMAKING DIGITAL HEALTH

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DIGITAL HEALTH



- Organisation unit/name: Children's Memorial Health Institute / Instytut „Pomnik-Centrum Zdrowia Dziecka”
- Organisation type: Research institute and paediatric hospital
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- The CMHI is the largest and most modern tertiary referral paediatric hospital in Poland & a research institute (A category) contributing to modern paediatrics. In 2024 over 26 000 admissions to hospital wards, 170 000 out-patients consultations + 65 000 day hospitalisations, 12 000 general anaesthesia, 7000 major surgical operations. Except hematology and orthopedics all fields of paediatrics are represented in the CMHI.
- CMHI is a member of 7 European Reference Networks (ERNs)
- CMHI is a founder of POLPEDNET and POLPEDNET KIDS (first YPAG Group in Poland)

Our research support asset

- **The Research Department (RD)** supports the Institute's scientific community in conducting research work, clinical trials and development work. It manages and accounts for scientific projects. Helps to establish national and international cooperation with other research institutes and universities. The RD takes an active part in finding grant competitions. Assists in applying for grants, managing the administrative, financial and reporting aspects of each project carried out at CMHI. Issuing a periodic Newsletter promotes the scientific successes of employees, training courses, conferences, information on current grants opportunities and news from the international world of science. The Research Department initiates activities to popularize science and conducts meetings for children and young people to introduce them to the variety of professions performed at the Institute which contributes to a more conscious choice of professional path.

The following units operate within the Research Department:

- **Paediatric Clinical Trials Support Centre (CWpediBK)**, which aims to support research teams in the implementation of clinical trials. Its priorities are: increasing the number of clinical trials conducted in the paediatric population in Poland, introducing new standards of work in the area of clinical research at the Institute, conducting research to improve access to modern therapies in the paediatric population, increasing the importance of CMHI on the map of paediatric clinical research centres in Poland and worldwide
- **Pediatric Regional Center for Digital Medicine (PeRCMC)** supports research in pediatrics through advanced digital technologies. The center integrates and analyzes a variety of medical data (clinical, laboratory, imaging, omics and medical records), ensuring its high quality and security. It operates in accordance with interoperability standards in view of the implementation of EHDS guidelines. The center offers comprehensive research support - from acquiring and exchanging medical data, to designing studies and facilitating access to datasets, to analyzing results and supporting the development of artificial intelligence algorithms.
- **Biobank** is a collection of biological samples (e.g., blood, urine, saliva, tissues, cells) that are collected, stored and made available for research, medical or diagnostic purposes. The goal of biobanking is to create a resource that can be used for analysis and research into the causes of diseases, the effectiveness of therapies, the development of new drugs, as well as in genetic and basic research.

Calls of interest

- HORIZON-HLTH-2026-01-DISEASE-02: Innovative interventions to prevent the harmful effects of using digital technologies on the mental health of children and young adults
- HORIZON-HLTH-2027-01-DISEASE-10: Prevention and management of chronic noncommunicable diseases in children and young people (GACD)
- HORIZON-HLTH-2026-01-TOOL-06: Support to European Research Area (ERA) action on accelerating New Approach Methodologies (NAMs) to advance biomedical research and testing of medicinal products and medical devices
- HORIZON-HLTH-2026-01-IND-03: Regulatory science to support translational development of patient-centred health technologies
- EU4Health calls (calls focusing on paediatrics, digital health, medical devices)
- IHI calls (especially call 11 focused on digital health)

Project idea/Expertise offer/Collaboration (1-2 slides):

CMHI has been a coordinator in the international projects EPISTOP, funded by the EC under FP7, and SMART, funded by the EC under Horizon 2020. Between 2017 and 2024, the CMHI conducted approximately 60 commercial clinical trials per year, with an increasing trend, reaching 88 ongoing studies at the end of 2024. The CMHI is participating in 9 non-industry clinical trials. In IQ of 2025, 27 grants from external funds were implemented in CMHI, including 18 from national funds (NCN, NCBiR, ABM) and 5 from EU funds, including projects such as: c4c, OD4RD 2, HIT-GLIO. The Institute also carried out projects from MEiN subsidies. CMHI also carries out projects to support its activities, including the Paediatric Clinical Research Support Centre and the Paediatric Regional Digital Medicine Centre.

Thank you