



Innovative interventions to prevent the harmful effects of using digital technologies on the mental health of children and young adults

HORIZON-HLTH-2026-01-DISEASE-02

Program: **Horizon Europe Cluster 1**

Típus: **Research and Innovation Actions**

TRL szint: **nem releváns**

Támogatás projektenként: **8 M EUR**

Támogatott projektek száma: **6**

Pályázati felület megnyílik: **2026.02.10.**

Beadási határidő: **2026.04.16.**

Felhívás linkje: [LINK](#)

The topic is open to address any mental disorder caused or aggravated by the use of digital technologies such as addiction, self-harm behaviour, increased anxiety or decreased self-esteem, sleeping-disorders, post-traumatic stress disorders.

Cohort studies and clinical studies are in the scope for this topic. Applicants envisaging to include longitudinal cohort studies are invited to indicate a sustainability plan on how those cohorts are maintained over an extended period beyond the end period of the project for a long-term follow-up. They should make use of existing cohorts data when available. Applicants are welcome to consider recruiting participants transnationally and from diverse settings in the clinical study design to ensure generalizability of findings. . In addition, it should be detailed in the proposal how the proposed intervention(s) could be scaled-up and transferred to other settings. Applicants should also consider the inclusion of end-users in the codesign of the interventions, for example for the young age groups, this includes the involvement of families, carers, educators.

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Advancing research on the prevention, diagnosis, and management of post-infection long-term conditions

HORIZON-HLTH-2026-01-DISEASE-03

Program:	Horizon Europe Cluster 1
Típus:	Research and Innovation Actions
TRL szint:	nem releváns
Támogatás projektenként:	6 - 8 M EUR
Támogatott projektek száma:	5
Pályázati felület megnyílik:	2026.02.10.
Beadási határidő:	2026.04.16.
Felhívás linkje:	LINK

Proposals should aim to develop innovative approaches for the prevention, diagnosis, and management of post-infection conditions. Proposals should address most of the following research areas:

- Identify protective and risk factors associated with the development of post-infection conditions to inform targeted prevention strategies, by integrating relevant information such as genetics, epigenetics, immune or inflammatory responses, and/or other relevant factors.
- Increase understanding of the pathophysiology of post-infection conditions (including inflammatory aspects) to identify biomarkers and develop clinically validated diagnostic approaches for early detection, disease progression and/or treatment optimisation.
- Develop and validate preventive and/or therapeutic interventions, including targeted pharmacological treatments, repurposing of existing drugs or precision medicine approaches, through early-stage clinical trials that demonstrate clinical safety and efficacy.
- Identify effective supportive rehabilitation approaches, including physical therapy, cognitive interventions, and psychological support, to enhance patient recovery, mental health and quality of life and evaluate their effectiveness.
- Examine best practices for integrating post-infectious disease management into primary and specialised healthcare settings, improving coordination among healthcare professionals.

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Development of novel vaccines for pathogens with epidemic potential

HORIZON-HLTH-2026-01-DISEASE-04

Program: **Horizon Europe Cluster 1**

Típus: **Research and Innovation Actions**

TRL szint: **nem releváns**

Támogatás projektenként: **10 M EUR**

Támogatott projektek száma: **5**

Pályázati felület megnyílik: **2026.02.10.**

Beadási határidő: **2026.04.16.**

Felhívás linkje: [LINK](#)

This topic aims at supporting activities that are enabling or contributing to one or several expected impacts of destination “Ensuring equal access to innovative, sustainable, and high-quality healthcare”. To that end, proposals under this topic should aim to deliver results directed towards and contributing to all the following expected outcomes:

- Healthcare professionals, at all stages of healthcare provision, have access to user-centric, robust and trustworthy virtual assistant solutions based on Generative Artificial Intelligence (AI) models and other AI tools to support them towards the provision of safer, more efficient and personalised care.
- Healthcare professionals benefit from cross-country applicable methodologies with the aim to facilitate acceptability, healthcare uptake and public trust of virtual assistant tools based on Generative AI models.
- Patients benefit from enhanced outcomes, more personalised care, and increased engagement with their healthcare professionals, leading to improved safety, quality of care, access to appropriate healthcare information and patient-doctor communication.
- Healthcare systems benefit from improved cost-effective patient outcomes, superior to standard of care in terms of accuracy, safety, and quality, and from cost-savings through advancements in highly accurate, transparent, traceable, and explainable solutions.

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Multisectoral approach to tackle chronic non-communicable diseases: implementation research maximising collaboration and coordination with sectors and in settings beyond the healthcare system (GACD)

Program: **Horizon Europe Cluster 1**

Típus: **Research and Innovation Actions**

TRL szint: **nem releváns**

Támogatás projektenként: **3 - 4 M EUR**

Támogatott projektek száma: **3**

Pályázati felület megnyílik: **2026.02.10.**

Beadási határidő: **2026.04.16.**

Felhívás linkje: [LINK](#)

HORIZON-HLTH-2026-01-DISEASE-09

This topic requires the effective contribution of social sciences and humanities (SSH) disciplines and the involvement of SSH experts, institutions as well as the inclusion of relevant SSH expertise, in order to produce meaningful and significant effects enhancing the societal impact of the related research activities.

All projects funded under this topic are strongly encouraged to participate in networking and joint activities, including internationally, as appropriate. These activities could, for example, involve the participation in joint workshops, the Annual Scientific Meetings of the GACD, the exchange of knowledge, the development and adoption of best practices, or joint communication activities. Therefore, proposals are expected to include a budget for such activities and may consider covering the costs of any other potential joint activities without the prerequisite to detail concrete joint activities at this stage. The details of these joint activities will be defined during the grant agreement preparation phase.

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Understanding of sex and/or gender-specific mechanisms of cardiovascular diseases: determinants, risk factors and pathways

HORIZON-HLTH-2026-01-DISEASE-11

Program:	Horizon Europe Cluster 1
Típus:	Research and Innovation Actions
TRL szint:	nem releváns
Támogatás projektenként:	6 - 7 M EUR
Támogatott projektek száma:	6
Pályázati felület megnyílik:	2026.02.10.
Beadási határidő:	2026.04.16.
Felhívás linkje:	LINK

Proposals should address most of the following aspects:

- Contribute to further the understanding on the structural, hormonal, and/or biological distinctions between sexes/genders to improve diagnostics and therapeutics for CVDs.
- Develop sex and/or gender-specific tailored risk models in a view of better prevention, detection and diagnostic, and treatment strategies.
- Identify and/or validate novel or existing sex and/or gender-specific health determinants, risk factors and pathways for cardiovascular disease(s) through the generation, integration and validation of data derived from relevant disciplines (e.g. molecular biology, behavioural science, nutrition, clinical, social and environmental epidemiology; exposure sciences; genetics and epigenetics, etc.).
- Make use of existing health data, including registries or cohorts, and/or assess the necessity to establish new ones, as well as, where relevant, exploit the knowledge gained from population-based biobanks. In case of the generation of new data, it should be managed in line with the FAIR principles, when relevant. (See definition of FAIR data in the introduction to this Work Programme part.)

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Scaling up innovation in cardiovascular health

HORIZON-HLTH-2026-01-DISEASE-15

Program:	Horizon Europe Cluster 1
Típus:	Coordination and Support Actions
TRL szint:	nem releváns
Támogatás projektenként:	2 M EUR
Támogatott projektek száma:	1
Pályázati felület megnyílik:	2026.02.10.
Beadási határidő:	2026.04.16.
Felhívás linkje:	LINK

Proposals under this topic should aim to deliver results that are directed at, tailored towards and contributing to all the following expected outcomes:

- Healthcare providers, policymakers and researchers benefit from an improved knowledge base and collaboration on the key challenges and gaps on cardiovascular health research and a conceptual framework to develop a roadmap for research and innovation is established.
- Health systems gain improved and standardised evidence to better prevent, diagnose or treat cardiovascular diseases (CVDs) and associated comorbidities, based on the research results on prediction, early detection, screening practices and diagnostic methods and tools, including via personalised and digital approaches.
- Medical and non-medical health professionals and technology developers have an increased knowledge, awareness and capacity to uptake and deliver effective and innovative approaches for risk prediction, early detection, screening and health management strategies, such as Virtual Human Twins (VHT) or Artificial Intelligence (AI)-based applications. This involves supporting, strategic foresight, improving health literacy and cross-sectoral knowledge exchange and collaboration to drive innovation in personalised prevention and cardiovascular risk prediction.

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Innovative healthcare interventions for non-communicable diseases

HORIZON-HLTH-2027-02-DISEASE-01-two-stage

Proposals should address all the following aspects:

- Perform rigorous early stage clinical trial(s) to validate novel or refined healthcare interventions for treatment and/or disease management solutions for patients suffering from the following specific NCDs: cardiovascular diseases, diabetes, chronic respiratory diseases or chronic kidney diseases. (...) Existing co- and multimorbidities should be addressed in the trial design.
- Clinical trial(s) should be supported by completed proof-of-concept of clinical safety and efficacy.
- Both preclinical research and the draft clinical trial protocol should be completed at the time of submission of the proposal. Proposals should also demonstrate evidence of preliminary consultations with ethics and regulatory authorities at the time of submission.
- Use and/or develop technologies, including digital ones (e.g. (generative) Artificial Intelligence, wearable technologies) to help implement and monitor the long-term efficacy of the intervention(s), as well as manage the disease and/or monitor their progression (e.g. with unobtrusive technologies suitable for patient monitoring at home and in real-world conditions), whilst also ensuring they are bias-free, inclusive, and ethically sound. Hardware and software should be interoperable in line with internationally accepted standards. The use of virtual human twins could also be considered, where relevant.

Program: **Horizon Europe
Cluster 1**

Típus: **Research and
Innovation Actions**

TRL szint: **nem releváns**

Támogatás projektenként: **7 - 8 M EUR**

Támogatott projektek száma: **8**

Pályázati felület megnyílik: **2027.02.10.**

Beadási határidő: **2027.04.13.**

Felhívás linkje: [LINK](#)

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Development of novel broad spectrum small molecule antiviral therapeutics for pathogens with epidemic potential

HORIZON-HLTH-2027-01-DISEASE-05

Program:	Horizon Europe Cluster 1
Típus:	Research and Innovation Actions
TRL szint:	nem releváns
Támogatás projektenként:	10 M EUR
Támogatott projektek száma:	5
Pályázati felület megnyílik:	2027.02.10.
Beadási határidő:	2027.04.13.
Felhívás linkje:	LINK

Infectious diseases remain a major threat to health and health security in the EU and globally. Viral disease emergence is already being accelerated by climate change, and thus a proactive approach to the development of antiviral prophylactics and therapeutics in preparedness for future infectious disease outbreaks is needed. The availability of broad-spectrum antivirals targeting conserved viral or host mechanisms would provide a critical preparedness measure against future health threats caused by (re)emerging infectious disease epidemics or pandemics, due to infectious disease epidemics or pandemics. Antibodies and antibody derived proteins are excluded from the scope of this topic. (...)

Proposals should thus aim to diversify and accelerate the global prophylactic and therapeutic research and development portfolio for emerging and re-emerging viral infections, and to strengthen the leading role of the EU in prophylactic and therapeutic research and development.

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Development of monoclonal antibodies to prevent and treat infections from Flaviviridae

HORIZON-HLTH-2027-01-DISEASE-06

Program:	Horizon Europe Cluster 1
Típus:	Research and Innovation Actions
TRL szint:	nem releváns
Támogatás projektenként:	10 M EUR
Támogatott projektek száma:	5
Pályázati felület megnyílik:	2027.02.10.
Beadási határidő:	2027.04.13.
Felhívás linkje:	LINK

Applicants should explicitly state in their proposal which of the following Flaviviridae is targeted and the proposed work should exclusively pursue the development of existing prophylactic and therapeutic monoclonal antibody candidates targeting exclusively this specific Flaviviridae:

- i. Dengue Virus
- ii. Tick-borne Encephalitis Virus
- iii. Japanese Encephalitis Virus
- iv. West Nile Fever Virus
- v. Yellow Fever Virus
- vi. Zika Virus

Proposals should focus on antibodies produced or derived from a single cell clone through recombinant expression, such as B-cell derived antibodies, hybridoma derived antibodies and nanobodies.

Proposals should thus aim to diversify and accelerate the global prophylactic and therapeutic research and development portfolio for emerging and re-emerging viral infections, and to strengthen the leading role of the EU in prophylactic and therapeutic research and development.

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Development of monoclonal antibodies to prevent and treat infections from Filo-, Nairo-, Phenui-, Picorna- and Toga Viridae

HORIZON-HLTH-2027-01-DISEASE-07

Program:	Horizon Europe Cluster 1
Típus:	Research and Innovation Actions
TRL szint:	nem releváns
Támogatás projektenként:	10 M EUR
Támogatott projektek száma:	5
Pályázati felület megnyílik:	2027.02.10.
Beadási határidő:	2027.04.13.
Felhívás linkje:	LINK

Applicants should explicitly state in their proposal which of the following viruses is targeted and the proposed work should exclusively pursue the development of existing prophylactic and therapeutic monoclonal antibody candidates targeting exclusively this specific virus:

i. Ebola Virus, ii. Marburg Virus, iii. Crimean-Congo Hemorrhagic Fever Virus, iv. Rift Valley Fever Virus, v. Enterovirus D68, vi. Chikungunya Virus .

Proposals should focus on antibodies produced or derived from a single cell clone through recombinant expression, such as B-cell derived antibodies, hybridoma derived antibodies and nanobodies.

Proposals should thus aim to diversify and accelerate the global prophylactic and therapeutic research and development portfolio for emerging and re-emerging viral infections, and to strengthen the leading role of the EU in prophylactic and therapeutic research and development.

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Development of innovative antimicrobials against critical pathogens resistant to antimicrobials

HORIZON-HLTH-2027-01-DISEASE-08

Program:	Horizon Europe Cluster 1
Típus:	Research and Innovation Actions
TRL szint:	nem releváns
Támogatás projektenként:	8 - 10 M EUR
Támogatott projektek száma:	5
Pályázati felület megnyílik:	2027.02.10.
Beadási határidő:	2027.04.13.
Felhívás linkje:	LINK

Applicants should explicitly state in their proposal which of the following critical pathogens is targeted and the proposed work should exclusively pursue the development of existing therapeutic candidates targeting exclusively this specific critical pathogen:

i. Carbapenem resistant *Acinetobacter baumannii* (CRAB), ii. Carbapenem-resistant Enterobacterales (CRE) and third-generation cephalosporin-resistant Enterobacterales (C3GRE), iii. Carbapenem resistant *Pseudomonas aeruginosa*, iv. (Drug)-resistant *Aspergillus fumigatus*, v. (Drug)-resistant *Candida* spp .

Proposals are expected to conduct advanced preclinical studies of antimicrobial candidates, prepare Good Manufacturing Practices (GMP) , quality test batches and carry out human clinical trials, including safety and efficacy studies against specific conditions in human.

Proposals should thus aim to accelerate testing of novel candidates in human trials, diversify and accelerate the global prophylactic and therapeutic research and development portfolio for AMR bacterial and fungal infections, and to strengthen the leading role of the EU in prophylactic and therapeutic research and development.

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Prevention and management of chronic non-communicable diseases in children and young people (GACD)

HORIZON-HLTH-2027-01-DISEASE-10

Program:	Horizon Europe Cluster 1
Típus:	Research and Innovation Actions
TRL szint:	nem releváns
Támogatás projektenként:	3 - 4 M EUR
Támogatott projektek száma:	3
Pályázati felület megnyílik:	2027.02.10.
Beadási határidő:	2027.04.13.
Felhívás linkje:	LINK

The proposed implementation research should be focused on one or more evidence-based interventions (or complex interventions), providing existing evidence of the intervention's effectiveness, cost-effectiveness, sustainability, scalability and potential for long-term health and other impacts (and in what context this evidence has been generated). (...)

Proposals would be expected to generate evidence that is of direct relevance to policymakers, communities and practitioners. Projects should identify and engage all key stakeholders necessary and relevant to the development, undertaking and knowledge translation phases of the project, including meaningful collaboration with young people themselves (and their families). Projects should also consider using co-development and co-design approaches, involving policymakers, local authorities, community groups, educators, healthcare providers, and other individuals or organisations necessary to the delivery and sustainability of the study outcomes. Project partners should be engaged from the beginning to contribute to the sustainability of the intervention after the end of project. Proposals should demonstrate sustainability of the strategy, beyond the lifespan of the project.

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Clinical trials for advancing innovative interventions for neurodegenerative diseases

HORIZON-HLTH-2027-02-DISEASE-14-two-stage

Proposals should address most of the following aspects:

- Perform rigorous early-stage clinical trials into the safety and efficacy of the innovative interventions and their mode of administration, ensuring adequate cohorts/sample sizes with adequate representation of the patient population, including in terms of age, sex and ethnicity.
- Through the clinical trials and to the extent possible of additional studies, gain further insight into the potentially novel mechanism(s) of action of the innovative therapies and complementary approaches. This could entail analyses of imaging (e.g. MRI, ultrasound, nuclear imaging), as well as physiological, molecular, biochemical or omics signatures revealing potential perturbations prior to the intervention and recovery/improvement thereafter, and it could lead to the development of surrogate endpoints. This insight should open the path to more personalised interventions and approaches.
- Use and/or develop technologies, including digital ones (e.g. (generative) Artificial Intelligence - AI , wearable technologies) to help implement and monitor the long-term efficacy of the intervention(s), as well as manage the disorder and/or monitor their progression (e.g. with unobtrusive technologies suitable for patient monitoring at home and in real-world conditions), whilst also ensuring they are bias-free, inclusive, and ethically sound.

Program:	Horizon Europe Cluster 1
Típus:	Research and Innovation Actions
TRL szint:	nem releváns
Támogatás projektenként:	10 M EUR
Támogatott projektek száma:	4
Pályázati felület megnyílik:	2027.02.10.
Beadási határidő:	2027.04.13.
Felhívás linkje:	LINK

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