

# KOREA-EU HORIZON EUROPE RESEARCHERS FORUM ON ADVANCED BIOTECHNOLOGY

## RESEARCH TOPICS

### **DESTINATION "TOOL" - DEVELOPING AND USING NEW TOOLS, TECHNOLOGIES AND DIGITAL SOLUTIONS FOR A HEALTHY SOCIETY**

- HORIZON-HLTH-2025-01-TOOL-01: Enhancing cell therapies with synthetic biology
- HORIZON-HLTH-2025-01-TOOL-02: Advancing cell secretome-based therapies
- HORIZON-HLTH-2025-01-TOOL-03: Leveraging multimodal data to advance Generative Artificial Intelligence applicability in biomedical research (GenAI4EU)
- HORIZON-HLTH-2025-01-TOOL-05: Boosting the translation of biotech research into innovative health therapies

### **DESTINATION "IND" - MAINTAINING AN INNOVATIVE, SUSTAINABLE, AND COMPETITIVE EU HEALTH INDUSTRY**

- HORIZON-HLTH-2025-01-IND-01: Optimising the manufacturing of Advanced Therapy Medicinal Products (ATMPs)
- HORIZON-HLTH-2025-01-IND-02: Digitalisation of conformity assessment procedures of medical devices and in vitro diagnostic medical devices
- HORIZON-HLTH-2025-01-IND-03: Facilitating the conduct of multinational clinical studies of orphan devices and/or of highly innovative ( "breakthrough" ) devices

### **DESTINATION "DISEASE" - TACKLING DISEASES AND REDUCING DISEASE BURDEN**

- HORIZON-HLTH-2025-01-DISEASE-01: Randomised controlled trials to test safety and efficacy of phage therapy for the treatment of antibiotic-resistant bacterial infections
- HORIZON-HLTH-2025-01-DISEASE-02: Advancing innovative interventions for mental, behavioural and neurodevelopmental disorders
- HORIZON-HLTH-2025-01-DISEASE-03: Development of antibodies and antibody-derived proteins for the prevention and treatment of infectious diseases with epidemic potential
- HORIZON-HLTH-2025-01-DISEASE-04: Leveraging artificial intelligence for pandemic preparedness and response
- HORIZON-HLTH-2025-01-DISEASE-05: Support for the functioning of the Global Research Collaboration for Infectious Disease Preparedness (GloPID-R)
- HORIZON-HLTH-2025-01-DISEASE-06: Implementation research addressing strategies to strengthen health systems for equitable high-quality care and health outcomes in the context of non-communicable diseases (GACD)
- HORIZON-HLTH-2025-01-DISEASE-07: Tackling high-burden for patients and under researched medical conditions

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#### FURTHER INFORMATION:

- [Horizon Europe Work Programme 2025 – 4. Health \(Draft\)](#)