**HORIZON EUROPE HEALTH CLUSTER 2025 TOPIC SUMMARIES**

# Destination 1: Staying Healthy in a Rapidly Changing Society

**Improving Quality of Life**: Focus on enhancing the quality of life for individuals with intellectual disabilities and their families.

Budget per project: 6 to 8 M EUR
No. of Projects: 5

# Destination 2: Living and Working in a Health-Promoting Environment

**Impact of Pollution**: Investigating how pollution affects the development and progression of brain diseases and disorders.

Budget per project: 7 TO 8 M EUR
No. of Projects: 6

**Micro- and Nanoplastics**: Advancing knowledge on the health impacts of micro- and nanoplastics.

Budget per project: 5 TO 6 M EUR
No. of Projects: 6

# Destination 3: Tackling Diseases and Reducing Disease Burden

**Phage Therapy Trials**: Conducting randomized controlled trials to test the safety and efficacy of phage therapy for antibiotic-resistant bacterial infections.

Budget per project: 15 M EUR
No. of Projects: 3

**Innovative Interventions**: Developing new interventions for mental, behavioral, and neurodevelopmental disorders.

Budget per project: 6 TO 8 M EUR
No. of Projects: 7

**Antibodies for Epidemics**: Creating antibodies and antibody-derived proteins to prevent and treat infectious diseases with epidemic potential.

Budget per project: 10 M EUR
No. of Projects: 5

**AI for Pandemic Preparedness**: Leveraging artificial intelligence to enhance pandemic preparedness and response.

Budget per project: 6 to 8 M EUR
No. of Projects: 5

**Global Research Collaboration**: Supporting the Global Research Collaboration for Infectious Disease Preparedness. (CSA)

Budget per project: 2 M EUR
No. of Projects: 1

**Health Systems Research**: Implementing research to strengthen health systems for equitable, high-quality care and health outcomes in the context of non-communicable diseases (GACD).

Budget per project: 3 to 4 M EUR
No. of Projects: 5

*Note: CIHR also funds Canadian participation in GACD*

# Destination 4: Ensuring Equal Access to Innovative, Sustainable, and High-Quality Healthcare

**Generative AI in Healthcare**: Applying Generative Artificial Intelligence models in healthcare to drive user-driven applications (GenAI4EU).

Budget per project: 15 to 20 M EUR
No. of Projects: 3

# Destination 5: New Tools, Technologies & Digital Solutions for a Healthy Society

**Cell Therapies and Synthetic Biology**: Enhancing cell therapies using synthetic biology.

Budget per project: 8 to 12 M EUR
No. of Projects: 5

**Cell Secretome Therapies**: Advancing therapies based on cell secretomes.

Budget per project: 10 to 15 M EUR
No. of Projects: 3

**Generative AI in Biomedical Research**: Using multimodal data to advance the applicability of Generative Artificial Intelligence in biomedical research (GenAI4EU).

Budget per project: 15 to 17 M EUR
No. of Projects: 3

**Biotech Research Translation**: Boosting the translation of biotech research into innovative health therapies.

Budget per project: 6 to 8 M EUR
No. of Projects: 10

# Destination 6: Maintaining an innovative, sustainable and competitive EU Health Industry:

**Advanced Therapy Manufacturing**: Optimizing the manufacturing of Advanced Therapy Medicinal Products.

Budget per project: 5 to 7 M EUR
No. of Projects: 5

**Digitalizing Conformity Assessment**: Digitalizing conformity assessment procedures for medical devices and in vitro diagnostic medical devices.

Budget per project: 4 M EUR
No. of Projects: 1

**Multinational Clinical Studies**: Facilitating multinational clinical studies of orphan devices and highly innovative/breakthrough devices.

Budget per project: 4 to 6 M EUR
No. of Projects: 5