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Dear Colleagues and potential partners,

On behalf of the **Institute of Emergency Medicine (IMSP Institutul de Medicină Urgentă)** in Chișinău, Republic of Moldova, I am writing to express our strong interest in joining a Horizon Europe consortium for several upcoming health calls, particularly those focused on innovative care pathways, public procurement of innovation, biomedical tools, advanced therapies, patient safety, AI-based predictive models, and clinical trials.

As Moldova's leading tertiary emergency and acute care provider and an active research institution, we are uniquely positioned to contribute as a **public procurer**, **pilot implementation site**, and **clinical validation partner**, offering both a high-volume clinical environment and advanced diagnostic and monitoring capacities. With **24 specialised sections** and approximately **2,400 employees**, our institute manages complex cases in neurosurgery, vascular surgery, polytrauma, cerebrovascular diseases, and chronic neurological conditions, making us a strong partner for projects requiring real-world testing, scaling, and validation of innovative healthcare solutions.

We are particularly interested in contributing to the following Horizon Europe calls:

- **HORIZON-HLTH-2026-01-CARE-01**: Public procurement of innovative solutions for improving citizens' access to healthcare through integrated or personalised approaches
- **HORIZON-HLTH-2026-01-TOOL-03**: Integrating New Approach Methodologies (NAMs) to advance biomedical research and regulatory testing
- **HORIZON-HLTH-2026-01-TOOL-07**: Establishing a European network of Centres of Excellence (CoEs) for Advanced Therapies Medicinal Products (ATMPs)
- **HORIZON-HLTH-2027-01-CARE-02**: Personalised approaches to reduce risks from Adverse Drug Reactions due to administration of multiple medications
- **HORIZON-HLTH-2027-02-DISEASE-14 (two-stage)**: Clinical trials for advancing innovative interventions for neurodegenerative diseases
- **HORIZON-HLTH-2027-02-TOOL-01 (two-stage)**: Development of predictive biomarkers of disease progression and treatment response by using AI methodologies for chronic non-communicable diseases

Our Value Proposition for Consortium Participation

Across these calls, the Institute of Emergency Medicine can offer high-impact contributions in the following areas:

Public Procurer and Pilot Implementation Capacity (PPI readiness)

As a state-owned institution under the Ministry of Health, we have the mandate and operational capacity to support **public procurement of innovative solutions (PPI)** and serve as a pilot implementation site for integrated and personalised care models, especially in emergency and acute care pathways.



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High-Volume Clinical Access and Complex Patient Cohorts

Our clinical departments provide a robust environment for validating new approaches, including patient recruitment for clinical trials and real-world observation of complex comorbidities, polypharmacy, and acute complications. This makes our institute particularly relevant for calls addressing integrated care, ADR prevention, and neurodegenerative disease interventions.

Advanced Diagnostic and Laboratory Infrastructure

We are equipped with modern diagnostic tools and specialised monitoring facilities, including CT, MRI (Canon, GE, Toshiba), angiography, and laboratories supporting neurophysiological and molecular monitoring. This infrastructure allows accurate tracking of patient outcomes and correlation of experimental tools with clinical indicators.

Clinical Validation and NAM Integration

For calls focused on NAMs, we can provide access to ethically sourced clinical data and biological samples, supporting the validation of in-vitro models, organ-on-a-chip technologies, and AI-driven computational models against real-world clinical conditions.

AI-Driven Predictive Biomarkers and Data-Based Modelling

For AI-focused calls addressing predictive biomarkers of disease progression and treatment response, we can provide high-quality longitudinal clinical datasets, especially in cerebrovascular diseases, neurodegeneration, and chronic non-communicable conditions. Our advanced imaging infrastructure supports the extraction of imaging biomarkers that can be integrated into AI algorithms, while our hospital environment enables clinical testing and validation of AI tools under real operational conditions.

ATMP Readiness and Network Contribution

In relation to ATMP-related calls, we can contribute as a clinical environment suitable for future protocol testing, patient pathway modelling, and readiness assessment, while supporting the creation of a regional bridge between EU excellence networks and the Eastern Partnership context.

Expertise in Patient Safety and ADR Monitoring

Our emergency departments are a frontline observation point for adverse drug reactions leading to hospitalisations. We can support work packages focused on monitoring protocols, cohort studies, and the development of personalised strategies to reduce ADR risks caused by polypharmacy.

Regional Situation Analysis and Policy Alignment

We can lead or co-lead work packages focused on the analysis of the Moldovan healthcare landscape, procurement systems, regulatory frameworks, and regional readiness for innovation uptake, ensuring scalability of project outcomes in non-EU associated countries. We can also provide a comprehensive overview of Moldova's data-sharing environment and technological readiness for the deployment of AI health solutions.



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Commitment and Roles in the Consortium

While we are currently seeking participation as a partner rather than a coordinator, we are prepared to take an active role as a **Work Package Leader** or key contributor in areas such as:

- Pilot implementation
- Clinical validation and monitoring
- User requirements and socio-economic impact assessment
- Patient recruitment and cohort management
- Data acquisition, curation, and AI model validation
- Situation analysis and policy alignment for the Eastern Partnership region
- Dissemination and exploitation support

Our leadership team—composed of MDs, PhDs, Professors, and clinical experts—is strongly committed to advancing healthcare standards through international cooperation and innovation-driven transformation, while ensuring the highest standards of research ethics, data integrity, and clinical excellence.

We would welcome the opportunity to schedule an introductory meeting to explore how our clinical capacity and research expertise can strengthen your consortium and contribute to a competitive Horizon Europe proposal.

Looking forward to a potential collaboration.

Best regards,

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