## 01 Strengthening global preparedness for infectious diseases

INTERCEPTOR unites high-containment laboratories around the world, fostering a collaborative approach to global health. By building strong links between facilities, INTERCEPTOR enables scientific communities to benefit from international expertise and resources for a coordinated, effective and rapid response to emerging infectious diseases.

## 02 Enhancing biosafety and biosecurity standards

To maintain the highest standards of safety, INTERCEPTOR strengthens bio-risk management practices and builds human capital within high-containment laboratories. This includes specialised, advanced training for biosafety and biosecurity officers, as well as engineering staff. Through this approach, INTERCEPTOR is dedicated to supporting and reinforcing research environments where innovation in medical countermeasures can flourish, underpinned by an unwavering commitment to biosafety and biosecurity.

## 03 Promoting standardised practices and shared resources

A unified response to global health threats depends on harmonised procedures and readily available critical resources. INTERCEPTOR works to standardise key practices across high-containment laboratories, ensuring that all facilities follow interoperable protocols. This shared foundation allows labs to share vital resources efficiently, ensuring swift access in an emergency.

## 04 Empowering research communities globally

INTERCEPTOR creates a supportive network where scientific communities can collaborate, fostering knowledge exchange and collective innovation. Through joint training sessions, workshops, and information-sharing platforms, the project builds a research community that is both globally aware and locally equipped to tackle health crises. INTERCEPTOR's framework not only connects experts but also empowers them to push boundaries in pandemic preparedness and response, with a unified approach.

## 05 Building a sustainable, global network of high-containment laboratories

To ensure long-term impact, INTERCEPTOR is designed with sustainability at its core. By establishing a responsible, resilient network, the project aims to create enduring pathways for collaborative research and resource-sharing beyond its initial scope. This sustainable network aims to keep high-containment laboratories connected and prepared, supporting a future where rapid, cooperative responses to public health threats are not just possible but the new norm.

## The current INTERCEPTOR network

Led by ERINHA, the INTERCEPTOR consortium unites premier high-containment laboratories from across the world collaboratively enhancing global biosecurity, preparedness and pandemic response.

- ERINHA
- NNGYK
- INSERM
- MUG
- FOHM
- ISCIII
- INSA
- INMI
- UKHSA
- UTMB
- UMR
- CSIRO
- VBS (DDPS)
- VIDO
- NICD
- UNIVERSITY OF PÉCS

## Creating a safer future together

With INTERCEPTOR, we are paving the way for a future where high-containment labs work seamlessly across borders, equipped with all the resources and standards needed to face any infectious threat. Through strong global partnerships and by advancing harmonised biosafety and biosecurity practices INTERCEPTOR is not just responding to today's challenges, it is creating a resilient infrastructure that will empower scientists to achieve scientific excellence and innovation, and safeguard public health for generations to come.

Funded by the European Union

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## WHY INTERCEPTOR?

Infectious diseases do not recognise borders: they are a global threat that demands a united, worldwide response. The COVID-19 pandemic was a wake-up call, showing us that effective preparedness and rapid response only happen when countries share their knowledge, data, and resources seamlessly.

INTERCEPTOR unites the world's top high-containment laboratories, specialised facilities known as biosafety level 3 & 4 (BSL3 & BSL4) designed for the study of deadly diseases and to handle the most dangerous pathogens, like the Ebola and Lassa viruses. While essential for advancing knowledge and developing vaccines and treatments, these laboratories are complex, costly to operate and accessing them can be difficult for researchers.

INTERCEPTOR aspires to close the gaps in global collaboration, remove barriers to access, and build a resilient network of high-containment laboratories. Through INTERCEPTOR, labs and researchers will benefit from shared resources, knowledge and best practices, empowering a global response against the world's high-consequence infectious diseases.

INTER-CEPTOR

## VISION & MISSION

Launched in 2024 and funded by the EU, INTERCEPTOR – coordinated by ERINHA – brings together high-containment facilities from across Europe and around the world.

**VISION**: A world safeguarded against infectious disease threats through global scientific preparedness and resilience.

**MISSION**: To strengthen pandemic preparedness by fostering a sustainable, cooperative network of high-containment research facilities. In coordination with strategic partners like the Coalition for Epidemic Preparedness Innovations (CEPI) and the World Health Organization (WHO), INTERCEPTOR reinforces safety standards and unites expertise as well as resources, to empower scientific communities to develop innovative and effective countermeasures against pandemic-prone pathogens safely and securely.

## To fulfill its mission, INTERCEPTOR is committed to:

01 **STRENGTHEN**
global preparedness for high consequence infectious diseases

02 **ENHANCE**
biosafety and biosecurity standards

03 **PROMOTE**
standardised practices and shared resources

04 **EMPOWER**
research communities globally

05 **BUILD**
a sustainable, global network of high-containment laboratories