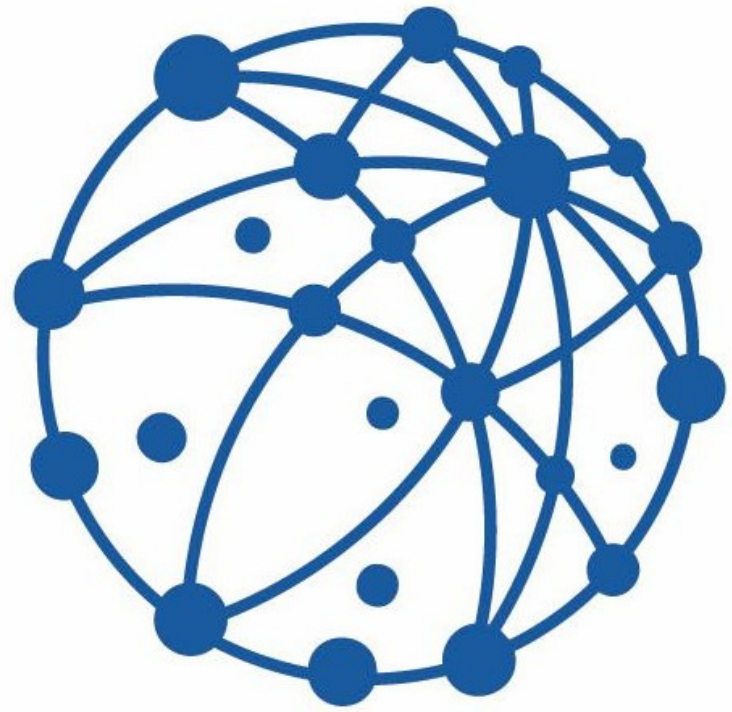




Human Bio**⚠️**safety Health

FOUNDATION™



The **Human Biosafety Health Foundation ETS** is a non-profit organization established with the aim of promoting biosafety and global health through scientific research, prevention, training, and international cooperation.

The Foundation represents the natural evolution of the association of the same name, which, since 2021, has carried out extensive training activities at the national level.

Over the years, thanks to the use of the Global Biohazard Management format already ISO 9001 certified more than 18,000 healthcare professionals have been trained in advanced biocontainment protocols and techniques, making a tangible contribution to strengthening the Italian healthcare system's capacity to respond to biological emergencies.

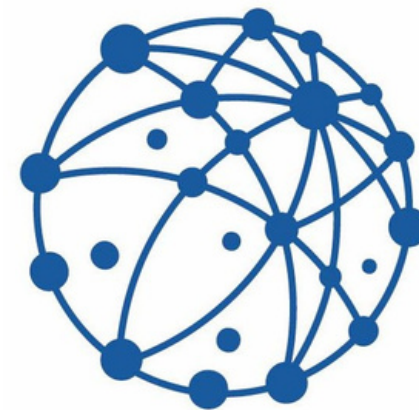
In parallel, over 500 law enforcement officers in Sicily have received training through dedicated programs focused on biological risk and safety procedures in high-exposure operational scenarios.



Medical Intelligence

**Zoonotic Disease
Research**

Biocontainment



**Human
Biosafety
Health**
FOUNDATION™

**Bioterrorism
Prevention and
Response**

**Scientific Research
and Innovation**

Training

Medical Intelligence

TRAINING

The Foundation recognizes specialized training and public awareness as essential tools to enhance resilience and preparedness for biological emergencies.

The training programs adopt the ISO 9001-certified Global Biohazard Management format, using tabletop exercises and full-scale simulations of complex scenarios.

These activities involve all relevant civilian and military stakeholders engaged, at various levels, in the management of biological emergencies..







48 anni in volo

BIOCONTAINMENT

It represents one of the fundamental pillars of the Foundation's mission, encompassing the set of procedures, technologies, and measures aimed at the isolation and transport of patients with potential contagious infectious diseases.

The Foundation promotes advanced research activities to optimize high-level biocontainment operational procedures and to adopt new technological solutions.

Particular importance is given to collaboration with physicians from the Italian Air Force Medical Corps, in order to develop MEDEVAC/STRATEVAC protocols for potentially infected patients, using fixed-wing and rotary-wing aircraft.



BIOTERRORISM PREVENTION AND RESPONSE

The Foundation contributes to the prevention and counteraction of unconventional biological threats by developing analytical, technological, and operational capabilities in collaboration with relevant institutions and authorities.

The main activities include:

- Enhancing the capacity to detect and analyze national and intentional biological threats;
- Developing early warning systems and advanced surveillance platforms;
- Providing specific training and exercises for law enforcement, healthcare personnel, and civilian operators;
- Promoting national and international cooperation to strengthen biological intelligence mechanisms.



MEDICAL INTELLIGENCE

In a complex global health context, the Foundation develops Medical Intelligence activities aimed at the integrated analysis of epidemiological, health, and environmental data for the prediction and management of biological threats.

The interventions include:

- Development of analytical tools based on AI, machine learning, and predictive systems;
- Collaborations with government agencies and international organizations to enhance surveillance and early response;
- Promotion of structured information sharing among health, security, and research entities;
- Building health intelligence networks to improve coordination and effectiveness of interventions at national and global levels.



ZOOONOTIC DISEASE RESEARCH

The Foundation adopts and promotes an integrated One Health approach, fostering multidisciplinary interaction among human medicine, veterinary medicine, and environmental sciences, involving doctors, veterinarians, researchers, and environmental professionals.

It also collaborates with universities and research institutes to develop biosafety protocols in high-risk settings, contributing to the drafting of procedures for spillover risk mitigation.



SCIENTIFIC RESEARCH AND INNOVATION

Scientific research represents a key challenge for the Foundation, with a focus on technological and biomedical innovation to address continuously evolving biological threats. Among the main lines of action is the promotion of open science to encourage data sharing, transparency, and international collaboration.



22 - 25 October 2023
Munich | Germany

OPERATIONAL HEADQUARTERS

The Foundation's operational headquarters is located at Villa Magnisi, a prestigious historic residence situated in Palermo, at Via Rosario da Partanna, 22.

Villa Magnisi is also the headquarters of the Order of Physicians and Dentists of the Province of Palermo (OMCeO Palermo), thus providing an institutional and cultural context of great significance, consistent with the Foundation's mission and activities.





Human
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