

KICK-OFF MEETING PALERMO 18 LUGLIO 2024

COMPLESSO MONUMENTALE DELLO STERICHIESA DI SANT'ANTONIO ABATE

Progetto di Ricerca SIS-Net Severe Infections and Sepsis clinical NETWORK for identification of clinical and diagnostic Markers, immunological monitoring and "Target and tailored" therapies for adults, children and patients admitted to intensive care units

Obiettivo:

Infections caused by multidrug-resistant bacteria and fungi, alongside the emergence and re-emergence of viruses and other highly contagious diseases, pose significant challenges in clinical and organizational settings. The necessity for multi-center networks has become evident, enabling precise epidemiological surveillance and interdisciplinary research initiatives to deliver swift and effective responses.

This project seeks to address the absence of a network capable of identifying markers and monitoring severe infections and sepsis caused by community and hospital-acquired pathogens in individuals across all age groups, including those in intensive care units.

The primary goal is to establish a national network that facilitates resource-sharing and data exchange for the identification and monitoring of severe infections and sepsis from both community and hospital-acquired pathogens, aligning with the objectives of the INF-ACT research program. The project will encompass five work packages, focusing on establishing a national network comprising adult and neonatal intensive care units, infectious disease and pediatric departments, microbiology laboratories, and designing multi-center registries for descriptive observational and diagnostic-prognostic evaluations. Furthermore, the project will involve analyzing collected data to generate regular clinical reports, exploring associations between clinical diagnostic markers, immunological indicators, disease severity, and outcomes.

This will lead to the development of tailored therapy protocols based on clinical profiles. Ultimately, the project aims to drive scientific progress, enhance the country's scientific reputation from a multidisciplinary perspective, and foster collaboration among participating institutions to ensure the successful implementation of the outlined objectives.

Il Progetto SIS-NET ID S4-01.P0001 - CUP I83C22001810007 è finanziato dal Bando a Cascata COC-1- 2023-ISS-01 - Missione 4 "Istruzione e ricerca" - Componente 2 "Dalla ricerca all'impresa" - Investimento 1.3 "Creazione di partenariati estesi alle università, ai centri di ricerca, alle aziende, emanato dall'ISS - l'Istituto Superiore di Sanità, nell'ambito del Programma di Ricerca e Innovazione dal titolo "One Health Basic and Translational Research Actions addressing Unmet Needs on Emerging Infectious Diseases (INF-ACT)" codice identificativo PE000000007, finanziato dall'Unione Europea - Next Generation EU" sui fondi PNRR MUR - M4C2" - Investimento 1.3.

Partner del progetto:

Università degli Studi di Palermo (*capofila*)
Università della Campania "L. Vanvitelli"
Università Magna Graecia di Catanzaro
Università degli Studi di Sassari
Università degli Studi di Firenze
Università degli Studi di Genova
Università degli Studi di Milano-Bicocca
Università degli Studi di Modena e Reggio Emilia
Università degli Studi di Parma
Università degli Studi di Perugia
Università di Pisa
Università degli Studi di Roma Tor Vergata
Università degli Studi di Trieste
Istituto Nazionale per le Malattie Infettive Lazzaro Spallanzani IRCCS
Università Telematica San Raffaele Roma
Società Servizi Telematici S.r.l. (PEDIANET)
Società Italiana Anestesia, Analgesia, Rianimazione e Terapia Intensiva - SIAARTI