

23-24 JUNE 2025

PLENARY MEETING

IRCCS ISMETT-UPMC, Palermo



Welcome to
PALERMO

PROTECT CHILD

PROTECT-CHILD: Innovation, Collaboration, and Data to Improve Pediatric Transplants Across Europe

Launched within the framework of the **ERN TRANSPLANT-CHILD** network - the European Reference Network for pediatric transplantation bringing together leading experts in **pediatric transplantation and post-transplant care** - PROTECT-CHILD is an ambitious European project aimed at **improving clinical outcomes and the quality of life for children and their families**.

The project's goal is to build a **secure, ethical, and sustainable ecosystem** for the integration of health data—clinical, genomic, and real-world—supporting personalized medicine in pediatric transplantation. By leveraging **advanced technologies** such as AI, federated learning, and quantum computing, PROTECT-CHILD enables cutting-edge, **data-driven research** while ensuring full compliance with privacy and EU regulations.

Through international collaboration and data interoperability, the project helps bridge critical gaps in rare pediatric transplants, advances scientific understanding, supports policy development, and empowers healthcare professionals. The ultimate outcome: more **personalized care**, fewer complications, and **real improvements** in the lives of young patients across Europe.

The conference is a key moment to share the project's progress, foster dialogue among experts, and strengthen the European network committed to advancing pediatric transplant care.



PROTECT-CHILD PARTNERS



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