

PROTECT-CHILD

Press release
APRIL 2025

In 2024, the PROTECT-CHILD project kicked off with a mission to improve pediatric transplant outcomes with genomic data integration. The project has received funding from the European Union's Horizon Europe research and innovation programme (under grant agreement N° 101137423) and will run for 4,5 years until end of 2028.

About PROTECT-CHILD: The vision of PROTECT-CHILD is to become a leading reference in secure and ethical health data integration for pediatric transplants in Europe. By combining clinical, genomic, and real-world data, the project aims to drive personalized medicine, foster international collaboration, and create a sustainable data-sharing ecosystem that improves health outcomes and enhances the quality of life for children requiring transplants.

PROTECT-CHILD leverages cutting-edge technology and a robust research infrastructure to securely integrate clinical and genomic data for pediatric transplants. Its architecture aligns with the European Health Data Space (EHDS), and builds on the Genomic Data Infrastructure (GDI) and ELIXIR for large-scale data sharing and advanced analytics.

The project brings together European efforts to reduce complications in pediatric transplants. The project clinical pilot will integrate genomic and clinical data from 200 pediatric transplants, using state of art analysis techniques to improve treatment and enhance patient outcomes.



Improve pediatric transplant
outcomes with genomic
data integration

www.protect-child.eu



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