



EUROPEAN PAEDIATRIC TRANSLATIONAL RESEARCH INFRASTRUCTURE

**General Assembly and Scientific
Meeting Agenda**

13 – 15 March, 2025 – Bologna, Italy

DAY 1 AFTERNOON
13 March 2025

EPTRI Italian node meeting

14:00-16:00	EPTRI-IT Joint Research Activities and Experiences	<i>Members of the EPTRI Italian Node Institutions</i>
The Challenge of Paediatric Research		
16:00-16:15	Opening Speeches – Welcome Messages from the University of Bologna and EPTRI	<i>Lorenzo Montanaro & Donato Bonifazi</i>
16.15-16.30	The Birthday of EPTRI AISBL	<i>Marek Migdal</i>
16:30-16:45	The gut microbiome in paediatric stem cell transplantation: challenges and perspectives	<i>Riccardo Masetti</i>
16.45-17:00	Paediatric Moonshot – Accelerating Global Paediatric Translational AI Research	<i>Timothy Chou</i>
17:00-17:15	The future of Paediatric Research in the EU landscape	<i>TBD</i>
17:15-17:30	Challenges and opportunities for paediatric research from the new proposed EU rules	<i>Viviana Giannuzzi</i>
17:30-19:00	Welcome Reception	

DAY 2 MORNING
14 March 2025

EPTRI Thematic Research Platforms

8:30-8:45	EPTRI Paediatric Medicines Discovery TRP	<i>Cosimo Altomare</i>
8:45-9:00	Alterations of the microbiota in lactating Göttingen Minipig sows treated with metformin	<i>Federica D'amico</i>
9:00-9:15	Innovative Targeting of GD2-positive Childhood Neuroblastoma tumors with Photooncolytic phage nanovector platforms.	<i>Suleman Khan Zadrán</i>
9:15-9:30	EPTRI Developmental Pharmacology TRP	<i>Karel Allegaert</i>
9:30-9:45	Pharmacometrics for better dosing in children	<i>Pier Giorgio Cojutti</i>
9:45-10:00	DOACs in paediatric thromboembolic disorders: Translating science from the lab to the clinic	<i>Caterina Deruvo</i>
10:00-10:15	EPTRI Paediatric Biomarkers and Biosamples TRP	<i>Marios Phylactides</i>
10:15-10:30	Systems Bioinformatics for the discovery of candidate biomarkers and repurposed drugs	<i>George Spyrou</i>

10:30-10:45	Genetic Characterization at Diagnosis of Patients with Acute Lymphoblastic Leukemia Enrolled in Italy in the AIEOP-BFM ALL 2017 Protocol	<i>Giovanni Cazzaniga</i>
10:45-11:00	Advancing Mitochondrial Medicine: An Integrative Genomics Approach to Gene Discovery and Therapeutic Innovation	<i>Shamima Rahman</i>
11:00-11:30	Coffee Break	
11:30-11:45	EPTRI Paediatric Medicines Formulations TRP	<i>Antonio Lopalco</i>
11:45-12:00	Development of a new oral drug formulation for the treatment of Infantile Hemangioma in newborns	<i>Serena Bertoni</i>
12:00-12:15	Investigation into user perspectives of minitablets for paediatric treatments in LMICs	<i>Soniya Notani/Smita Salunke</i>
12:15-12:30	EPTRI Advanced Therapy Medicinal Products TRP	<i>Giovanni Migliaccio</i>
12:30-13:00	The Future of ATMPs: Navigating Regulatory, Market Access, and Competitiveness Challenges	<i>Victor Maertens & Erwan Gicquel</i>
13:00-14:00	Light lunch	

DAY 2 AFTERNOON
14 March 2025

Enhancing Paediatric Medical Devices in Europe

14:00-14:15	Paediatric medical devices under the EU medical devices regulations	<i>Peter Bishoff-Everding</i>
14:15-14:30	Paediatric and orphan devices under MDR – manufacturers' perspective	<i>Jana Russo</i>
14:30-14:45	DeCODe: Develop Child and Orphan Device Support	<i>Anneliene Jonker</i>
14:45-15:00	i4KIDS 4RARE - From Challenge to Adoption: Acceleration of Paediatric Orphan Medical Devices	<i>Sofia Ferreira Quartino</i>
15:00-15:15	OrphaDev4Kids - Orphan Device for paediatric patients: a unique platform providing innovative services	<i>Franco Bartoloni</i>
15:15-15:30	Proposal for an Integrated Platform for the Development of Paediatric Medical Devices	<i>Sandra Brasil</i>
15:30-15:45	EPTRI Paediatric Medical Devices TRP	<i>Paul Dimitri</i>
15:45-16:00	Virtual Surgical Planning and 3D-Printing of Personalized surgical devices for children with rare bone diseases	<i>Giovanni Trisolino</i>
16:00-16:15	Issues in paediatric fracture management	<i>Ilona Mertelseder</i>

Advancing Clinical Research in the Paediatric Population

16:15-16:30	Efficacy of automated Insulin Delivery Systems in children and adolescents with type 1 diabetes: data from a real-world observational study	<i>Giulio Maltoni</i>
16:30-16:45	Paronychia in Selumetinib-treated patients	<i>Michela Starace</i>
16:45-17:00	Application of a new methodological approach to overcome paediatric clinical trial challenges: GAPP study	<i>Claudia Pansieri</i>
17:00-17:15	Accelerating Safer Administration of Medicines to Children in Low Resource Settings – Bridging Stakeholder Viewpoints	<i>Sifan Hu</i>
17:15-17:30	Provision of medical care for children with orphan diseases: experience of ukraine during the war	<i>Rostyslav Marushko</i>

EPTRI General Assembly 2025

16:30-18:30	EPTRI GENERAL ASSEMBLY	<i>All EPTRI Members</i>
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DAY 3 MORNING

15 March 2025

Digital Health Technologies in Paediatric Research in the framework of strategic collaboration ELIXIR-EPTRI

9:00-9:15	ELIXIR Infrastructure: Advancing Secure and Standardized Management, Sharing, and Analysis of Life Sciences Data across Europe	<i>Francesca De Leo</i>
9:15-9:30	Health Data Innovation and Management in the framework of strategic collaboration ELIXIR-EPTRI	<i>Pier Luigi Martelli</i>
9:30-9:45	Digital twins in paediatric healthcare: some examples	<i>Marco Viceconti</i>
9:45-10:00	AlmaHealthDB – A reference architecture for biomedical research	<i>Sabato Mellone</i>
10:00-10:15	A technology-based solution for monitoring the neuro-motor developmental trajectory in high-risk infants and children from birth to adulthood	<i>Rita Stagni</i>
10:15-10:30	Wearable Sensors for Monitoring Osteogenesis Imperfecta in Children: A Pilot Study	<i>Marina Mordenti/Luca Sangiorgi</i>
10:30-10:45	Optimizing Paediatric Clinical Trials: Leveraging Milo AI for Efficient Recruitment and Data Management in Assessing Hypertonic Inhalation	<i>Chems Hachani</i>
10:45-11:00	A Standards-Based Digital Approach to Consent/Assent in Italian Biobanking	<i>Sara Casati</i>

11:00-11:30	Coffee Break	
Kick-Off Meeting of the OrphaDev4Kids Patient Expert Committee (PEC)		
11:30-11:45	Towards the Development of Paediatric Medical Devices: Identifying and Gathering User Needs	<i>Emilia Biffi</i>
11:45-12:00	Survey on Cyanotic Congenital Heart Disease (CCHD) for patients	<i>Roberta Nossa</i>
12:00-12:30	KIDS Group presentations	<i>TEDDY KIDS Network groups</i>
12:30-14.00	Revision of the CCHD Survey for patients from kids members of the Patient Expert Committee (PEC)	<i>PEC members</i>