

European Paediatric Translational Research Infrastructure

MEETING AGENDA

EPTRI General Assembly & Scientific Meeting 2024

18th - 19th July 2024

18 July 9:00 – 13:00

EPTRI General Assembly and Scientific Meeting 2024		
09:00-09:15	Welcome Message and introduction	Karel Allegaert
09:15-09:30	The Birth of EPTRI AISBL	Donato Bonifazi
09:30-09:45	What will be EPTRI's impact in the future?	Marek Migdal
09:45-10:00	Review of the Paediatric regulation	Lucia Ruggieri
10:00-11:00	General Assembly discussion and decisions	All the Members
11:00-11:30	Break	
11:30-11:45	Unmet Needs and Paediatric Drug Development	Leanne West
11:45-12:00	Psychopharmacology in children and adolescents: unmet needs and opportunities	Samuele Cortese
12:00-12:15	Big data analytics in paediatric research	Ian Wong
12:15-12:30	Innovative studies design for small populations	Giorgio Reggiardo
12:30-12:45	Importance of the placenta for foetal development and programming	Frantisek Staud
12:45-13:00	A multi-omic platform to empower collaborative translational research	Nathan Ali

18 July 14:00 – 17:30

EPTRI Scientific Meeting 2024		
14:00- 14:15	EPTRI Central Management Office (CMO) and the Centralised services	Franco Bartoloni
14:15-14:30	Modelling and simulation as a tool for translation, prediction and extrapolation of pharmacokinetics, pharmacodynamics, safety and efficacy in children	Oscar Della Pasqua
14:30-14:45	The Ethics and Regulatory service	Viviana Giannuzzi
14:45-15:00	HTA in paediatric research	Fedele Bonifazi
15:00-15:15	ATMP development infrastructure for paediatrics	Giovanni Migliaccio
15:15-15:30	EPTRI Paediatric Biomarkers and Biosamples TRP	Marios Phylactides
15:30-15:45	Multi-omics data integration and machine learning (ML) explaining the molecular basis of the complex microbiota-gut-brain axis and predicting possible biomarkers of autism	Alessandra Mezzelani
15:45-16:00	Legal and ethical issues of using AI in Pediatric Biobank in countries with an average income level	Svetlana Gramatiuk
16:00-16:30	Break	
16:30-16:45	EPTRI Developmental Pharmacology TRP	Karel Allegaert
16:45-17:00	Placenta: an ephemeral organ with a lifelong impact on health	Frantisek Staud
17:00-17:15	PBPK modelling on lactation related drug exposure	Julia Macente
17:15-17:30	Model informed precision dosing in paediatric intensive care units: a randomized clinical trial	Nadir Yalcin

19 July 9:00 – 13:00

EPTRI Scientific Meeting 2024		
09:00-09:15	EPTRI Paediatric Medicines Discovery TRP	Cosimo Altomare
09:15-09:30	Bridging Pediatric Disease Research and Developmental Toxicology with Artificial Intelligence-based Public Web Platforms	Nicola Gambacorta
09:30-09:45	AI-assisted drug repurposing studies for the identification of new promising vasopressin V2 receptor ligands for pharmacotherapy in paediatric nephrology	Grazia Tamma
09:45-10:00	Gottingen minipig model to study drug milk excretion and breastfed infant drug exposure	Domenico Ventrella
10:00-10:15	What animal tests can tell us about safety of drugs for developing brain?	Hana Kubova
10:15-10:30	KIDS experience in the paediatric medicine discovery lab	YPAGs members
10:30-11:00	Break	
11:00-11:15	EPTRI Paediatric Medicines Formulations TRP	Nunzio Denora
11:15-11:30	Are the regulatory aspects of pediatric medicinal products really optimized?	Paola Minghetti
11:30-11:45	Innovative Drug delivery Systems	Dimitrios G. Fatouros
11:45-12:00	KIDS experience in the paediatric drug formulation lab	YPAGs members
12:00-12:15	EPTRI Medical Devices TRP	Emilia Biffi
12:15-12:30	Innovative technology-based interventions, including virtual reality for paediatric rehabilitation.	Tamar Weiss
12:30-12:45	Nanoparticles for Target Therapy in Pediatric Brain Cancers	Clara Baldari
12:45-13:00	PhiCube: bilateral upper limb device for neuromotor recovery	Giovanni Tauro