

ID-EPTRI project European Paediatric Translational Research Infrastructure

MEETING AGENDA

EPTRI webinar: biotechnology to bring innovation in the paediatric drug development

Virtual Webinar October 2nd, 2020

EPTRI webinar: biotechnology to bring innovation in the paediatric drug development

Whereas in the past the vast majority of medicines were small chemical molecules, nowadays many new and innovative treatments are available and are based on more complex biological products, such as proteins, antibodies or other large molecules, produced by means of biotechnology. However, too often children remain excluded from these innovations since drug development in paediatrics is frequently deemed not profitable.

EPTRI is the new European Paediatric Transnational Research Infrastructures aimed to accelerate paediatric drug development processes including the most relevant technological innovations in research for children's health. The infrastructure will be composed of four technical and scientific domains called Thematic Research Platforms: Paediatric Medicines Discovery, Paediatric Biomarkers and Biosamples, Developmental Pharmacology, Paediatric Medicines Formulations.

The half-day webinar proposed is an opportunity for EPTRI to raise awareness on the serious lack of medicines for children in EU and worldwide and to promote the application of biotechnology to bring innovation in the paediatric drug discovery and early development phases. The event is addressed to researchers, academics, pharma and biotech companies, policy makers, but also lay persons interested to learn more about these topics.

The program of the virtual webinar proposed includes lectures given by researchers participating to EPTRI and is focused on the innovative approaches available in the paediatric drug development.

AGENDA

10:00-10:45	Webinar Introduction	
	Paediatric Drug Development: Challenges and Opportunities	A. Ceci
	EPTRI, the European Paediatric Translational Research Infrastructures	D. Bonifazi
10:45 – 12:30	Innovative approaches in paediatric drug development	
	Omics application in drug target discovery and preclinical research	P. Martelli
	Novel preclinical models as platform for drug discovery for paediatric diseases	E. Mikros
	Biomarkers and personalized medicines in paediatrics	M. Phylactides
	Paediatric application of ATMP	G. Migliaccio
	Pharmacogenetics in clinical drug development	E. Jacqz-Aigrain
	Discussion	
12:30-13:00	Webinar Conclusion	
	Collaborative efforts to promote innovative drug discovery for children	A. Intini

EPTRI Webinar SPEAKERS LIST

Donato Bonifazi, Consorzio per Valutazioni Biologiche e Farmacologiche

Adriana Ceci, Gianni Benzi Pharmacological Research Foundation

Angelica Intini, Consorzio per Valutazioni Biologiche e Farmacologiche

Evelyne Jacqz-Aigrain, Assistance Publique - Hôpitaux de Paris, Robert Debré Hospital

Pier Luigi Martelli, University of Bologna, ELIXIR-IT

Giovanni Migliaccio, Consorzio per Valutazioni Biologiche e Farmacologiche

Emmanuel Mikros, ATHENA Research and Innovation Center in Information
Communication & Knowledge Technologies

Marios Philactides, Cyprus Institute of Neurology and Genetics