

ESDPPP 2025 – Scientific Programme

Tuesday 24 June 2025 – Pre-conference workshop

Auditorium

08:30 **Registration**

Chairs: Marjolein van Borselen and Emmely Wagener

09:00 **Welcome**

Prof. Saskia de Wildt, Radboud University Medical Center (NL)

09:15 **Pharmacokinetics**

Prof. Pieter de Cock, Ghent University Hospital (BE)

09:45 **Paediatric Pharmacology**

Prof. Anne Smits, UZ Leuven (BE)

10:15 **Obstetric Pharmacology**

Dr. Rick Greupink, Radboud University Medical Center (NL)

10:45 **Coffee Break**

Chairs: Marjolein van Borselen and Emmely Wagener

11:00 **Paediatric drug formulations**

Dr. Viviane Klingmann, Heinrich Heine University Düsseldorf (DE)

11:30 **Pharmacovigilance/safety**

Dr. Roberto De Lisa, European Medicines Agency (NL)

12:00 **Lunch**

12:45 **Workshops - breakout rooms**

Workshop Paediatrics – breakout room 1

How to design a paediatric trial

Prof. Anne Smits

Dr. Viviane Klingmann

Dr. Roberto De Lisa

Workshop Obstetrics - breakout room 2

How to study drugs in pregnancy

Dr. Rick Greupink

Prof. David Burger

Dr. Marleen van Gelder

Workshop pharmacology for clinicians - breakout room 3

Clinical workshop

Dr. Robert Flint

Dr. Violette Gijsen

Prof. Pieter de Cock

14:15 **Coffee Break**

14:30 **Workshops – breakout rooms**

Workshop Paediatrics – breakout room 1

Prof. Anne Smits

Dr. Viviane Klingmann

Dr. Roberto De Lisa

Workshop Obstetrics - breakout room 2

Dr. Rick Greupink

Prof. David Burger

Dr. Marleen van Gelder

Workshop pharmacology for clinicians - breakout room 3

Dr. Robert Flint

Dr. Violette Gijsen

Prof. Pieter de Cock

16:00 **Coffee Break /Feedback workshops 1/2**

Dr. Robert Flint, Erasmus MC (NL)

17:30 **Closure – departure to informal dinner Hotel Rebyl**

19:00 **Diner Hotel Rebyl**

Wednesday 25 June 2025 – Congress day 1

Auditorium

08:30 Registration

Finding the 'drug'

Chairs: Prof. Stephanie Laer and Dr. Robert Flint

09:00 **Welcome**

Conference Chair – Prof. Saskia de Wildt, Radboud University Medical Center (NL)

09:15 **Keynote: Innovative Therapy for Metabolic Diseases**

Prof. Sabine Fuchs, UMC Utrecht (NL)

10:00 **RNA Therapy for Inherited Diseases: towards the prevention of blindness**

Prof. Rob Collin, Radboud University Medical Center (NL)

10:20 **Drug discovery, paediatric gastrointestinal disease as example**

Prof. Sven van IJendoorn, University Medical Center Groningen (NL)

10:40 Coffee Break

11:00 **From lab to the dose – Getting the dose right**

Chairs: Dr. Verena Gotta and Dr. Marleen van Gelder

Abstract presentations:

- 3D printing of hydrocortisone tablets: a solution for pediatric dose customization
MSc Amanda Holst
- Targeted slc and abc proteome quantification in human placenta cell lines
Nicole Chang
- Mapping the Localization of Placental Transporters Using Extracellular Vesicles Derived from Ex Vivo Tissue Perfusions
Assistant Professor Jacqueline Tiley

11:30 **Developmental Pharmacology**

Prof. Bhagwat Prasad, Washington State University (USA) - Co-sponsored by IUPHAR

11:55 **Animal Models for In Vivo Lactation Studies**

Dr. Domenico Ventrella, Alma Mater Studiorum - Università di Bologna, (IT)

12:20 Lunch

13:00 **Posters**

14:00 **From lab to the dose – Getting the dose right**

Chairs: Prof. Karel Allegaert and Dr. Pavla Pokorna

Abstract presentations:

- Prospective Assessment of Observed and Predicted Vancomycin Levels Using Model Informed Precision Dosing Support Tool in Neonates
Assoc. Prof. Nadir Yalcin
- A physiology-based pharmacokinetic modeling study to estimate fetal brain exposure and expected dopamine-receptor occupancy following maternal metoclopramide dosing: concern for extrapyramidal symptoms in the newborn?
Hedwig van Hove
- Mathematical albumin function for neonates undergoing therapeutic hypothermia in comparison with control neonates
Dr. Zoë Vander Elst

- Studying paracetamol disposition in children using a minimally invasive microsampling technique: a preliminary PK analysis
Ir. Isis Van herterych
- Modelling of expected amoxicillin concentrations aids interpretation of clinical non-inferiority of lower compared to higher daily oral amoxicillin doses in a randomised controlled trial
Dr. Verena Gotta, University Basel (CH)
- Characterizing meropenem pharmacokinetics in paediatric critical care patients: a population-based analysis
MSc Thi Van Anh Nguyen

15:00 **Coffee Break**

Chairs: Assistant Professor Jacqueline Tiley and Dr. Robert Flint

15:20 **Microdosing studies in pregnancy**

Wouter Vaes, TNO (NL)

15:40 **Pro/Con: do we need more PK or can we extrapolate?**

Prof. Catherijne Knibbe (presentation), University Leiden (NL)

Dr. Verena Gotta (presentation), University Basel (CH)

Dr. Pavla Pokorna (panel), Charles University Prague (CZ)

Prof. Pieter de Cock (panel), Ghent University Hospital (BE)

Prof. Anne Smits (panel, UZ Leuven University (BE)

16:40 **ESDPPP working groups**

17:10 **General Assembly**

18:00 **Closure**

19.00 **Dinner at the “Pannenkoekenboot”**

Auditorium

Does it work?

Chairs: Prof. Antje Neubert and Dr. Pavla Pokorna

09:00

Extrapolation in paediatrics

Dr. Roberto De Lisa, European Medicines Agency (NL)

09:20

Conect4children: innovative trial design and smooth trial operations

Paediatric expert advice

Prof. Mark Turner, c4c-S, University Liverpool (UK)

09:40

Abstract presentation: Reaching sufficient evidence in small populations: A scoping review of methods and regulatory guidance

Laurens Sluijterman

09:50

Discussion

10:00

Keynote, AI aided Knowledge Discovery

Prof. Rens van de Schoot, University Utrecht (NL)

10:30

Coffee Break

10:50

Does it work - Is it safe? - From formulation to registration

Chairs: Prof. Anne Smits and Dr. Violette Gijsen

Abstract presentations:

- Chronic medication and breastfeeding, avoiding behavior in Dutch women
Dr. Anneke Passier
- "Impact of maternal low-dose aspirin on intracranial hemorrhage risk in very preterm newborns: a retrospective cohort study"
Ph.D. Florian Joly

11:10

Providing evidence on use and safety of medications in pregnancy when randomized clinical trials are not feasible

Dr. Marleen van Gelder, Radboud University Medical Center, Nijmegen (NL)

11:30

Drug safety in Neonates

Prof. Karel Allegaert, University Leuven (BE)

11:50

Obstetric PK

Dr. Karen Yeo, SIMCYP, Sheffield (UK)

12:10

Lunch

13:00

Posters

14:00

From formulation to registration

Chairs: Prof. Antje Neubert and Dr. Christiane Garnemark

A joined presentation on the LENA project: from formulation to market authorization

Prof. Stephanie Laer

Prof. Joerg Breitzkreutz

Peter McBride

14:45

Does it work - Is it safe? - From formulation to registration

Chairs: Prof. Antje Neubert and Dr. Christiane Garnemark

Abstract presentations:

- 3D printing of drugs: Bringing personalized medicine to Pediatrics
Eveline van Kampen
- Maternal adverse events and sotalol in pregnant women treated for foetal tachycardia; is there more to this story?
Dr. Violette Gijsen
- The Lancet Child & Adolescent Health, Commission on the future of neonatology

- 15:15 **Coffee Break**
- Regulatory challenges**
Chairs: Dr. Verena Gotta and Anna-Maria Wiesinger
- 15:35 **Benefit-risk in pregnancy and lactation, the regulator's view**
Charlotte Bakker, European Medicines Agency (EU)
- 15:55 **Industry's view**
Licínio Craveiro, MD MSc PhD, F.Hoffmann-La Roche Ltd, Basel (CH)
- 16:15 **Discussion**
- 16:30 **Excursion to Anatomical Museum**
- 18:00 **Closure**
- 19:00 **Congress dinner party at "De Vereeniging"**

Auditorium

Use in practice/implementation

Chairs: Prof. Pieter de Cock and Dr. Violette Gijsen

09:15

Keynote: Antithrombotic therapy in pregnancy

Prof. Saskia Middeldorp, Radboud University Medical Center, Nijmegen (NL)

09:45

Getting the therapy to bedside - Other

Abstract presentations:

- Parental Perception of Treatment Options for Mucopolysaccharidosis: A Survey to Bridge the Gap for Personalized Medicine
Anna-Maria Wiesinger
- The continuing problem of medicine shortages increases medication safety risks in children
MSc Maaike Rutten - van Kranenburg
- A pooled population PK analysis investigating once-daily standard dosing of dolutegravir in HIV/TB co-infected children weighing 3 kg or more
MSc Lianne Bevers
- SMAART: A Clinical Quality Intervention tool embedded in electronic medical records to Identify and Challenge Children with Low-Risk Penicillin and Cephalosporin Allergies
Dr. Duaa Gaafar
- Continuous glucose monitoring as reference for personalized monitoring for diabetic and healthy people of any age
Florian Kinny
- Optimising paediatric HIV treatment: recent developments and future directions
PharmD Anne Kamphuis

10:45

Coffee Break

Chairs: Prof. David Burger and Dr. Marleen van Gelder

11:00

Paediatric Formularies

Prof. Antje Neubert, University Hospital Erlangen (DE)

11:20

Pregnancy Formulary

Anneke Passier, PhD, Teratology Information Service Lareb, 's-Hertogenbosch (NL)

11:40

The case of empagliflozin

Dr. Terry Derks, University Medical Center Groningen (NL)

12:00

Closure and farewell*

Prof. Saskia de Wildt, Radboud University Medical Center, Nijmegen (NL)

Prof. Antje Neubert, University Hospital Erlangen (DE)

* there is an option for a take away lunch