

# ESDPPP 2025 – Preliminary Scientific Programme

Tuesday 24 June 2025 – Pre-conference workshop

## Auditorium

08:30 Registration

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

11:00 Paediatric drug formulations

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

11:30 Pharmacovigilance/safety

*Roberto De Lisa, European Medicines Agency (NL)*

12:00 Lunch

12:45 Workshops - breakout rooms

### Workshop Paediatrics – Auditorium

How to design a paediatric trial

*Prof. Anne Smits*

*Dr. Viviane Klingmann*

*Roberto De Lisa*

### Workshop Obstetrics - breakout room 1

How to study drugs in pregnancy

*Dr. Rick Greupink*

*Hedwig van Hove*

*Dr. Marleen van Gelder*

### Workshop pharmacology for clinicians - breakout room 2

How to study drugs in pregnancy

*Dr. Robert Flint*

*Dr. Violette Gijsen*

*Prof. Pieter de Cock*

14:15 Coffee Break

14:30 Workshops – breakout rooms

### Workshop Paediatrics – Auditorium

*Prof. Anne Smits*

*Dr. Viviane Klingmann*

*Roberto De Lisa*

### Workshop Obstetrics - breakout room 1

*Dr. Rick Greupink*

*Hedwig van Hove*

*Dr. Marleen van Gelder*

### Workshop pharmacology for clinicians - breakout room 2

*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

## Wednesday 25 June 2025 – Congress day 1

### Auditorium

08:30 Registration

### Finding the 'drug'

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 IJzendoorn, University Medical Center Groningen (NL)

10:40 Coffee Break

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

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*
- Estimated glomerular filtration rates in neonates undergoing therapeutic hypothermia  
*Prof. dr. Karel Allegaert*

11:40 Developmental Pharmacology

Prof. Bhagwat Prasad, Washington State University (USA)

12:00 Animal Models for In Vivo Lactation Studies

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

12:30 Lunch

13:00 Posters

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

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  
*Prof. Julia Anna Bielicki*
- Characterizing meropenem pharmacokinetics in paediatric critical care patients: a population-based analysis  
*MSc Thi Van Anh Nguyen*

15:00 **Coffee Break**

15:20 **Neonatal/paediatric pharmacokinetics**

*To be confirmed*

15:40 **Obstetric PK**

*Dr. Karen Yeo, SIMCYP, Sheffield (UK)*

16:00 **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)*

17:00 **ESDPPP working groups**

17:30 **General Assembly**

19:00 **Dinner at the “Pannenkoekenboot”**

**Auditorium**

**Does it work?**

09:00

**Extrapolation in paediatrics**

*Roberto De Lisa, European Medicines Agency (NL)*

09:20

**Antifungal pharmacotherapy in children, with a focus on 'efficacy'**

*Em. Professor, Emmanuel Roilides, Hippokration Hospital, Thessaloniki (GR)*

09:40

**Beneficial MIPD Vanco**

*To be confirmed*

10:00

**Keynote, AI aided Knowledge Discovery**

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

10:30

**Coffee Break**

11:00

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

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*
- Use of medication for gastroesophageal reflux during pregnancy and adverse birth outcomes  
*Dr. Marleen van Gelder*

11:30

**Microdosing studies in pregnancy**

*Wouter Vaes, TNO, (NL)*

11:50

**Drug safety in pregnancy and lactation**

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

12:10

**Drug safety in Neonates**

*Prof. Karel Allegaert, University Leuven (BE)*

12:20

**Lunch**

13:00

**Posters**

**From formulation to registration**

14:00

**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**

Abstract presentations:

- 3D printing of drugs: Bringing personalized medicine to Pediatrics  
*Eveline van Kampen*
- Preventing life-threatening symptoms of Noonan syndrome: Is it feasible to treat intra-uterine with trametinib?  
*Emmely Wagener*

- Maternal adverse events and sotalol in pregnant women treated for foetal tachycardia; is there more to this story?

*Dr. Violette Gijsen*

15:15

Coffee Break

### **Regulatory challenges**

15:35

**Conect4children: innovative trial design and smooth trial operations**

Paediatric expert advice

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

15:50

**Benefit-risk in pregnancy and lactation, the regulator's view**

*Charlotte Bakker, European Medicines Agency (NL)*

16:10

**Industry's view**

*Licínio Craveiro, MD MSc PhD, F.Hoffmann-La Roche Ltd, Basel (CH)*

16:30

**Excursion to Anatomical Museum or Laboratories**

18:00

**Closure**

19:00

**Congress dinner party at "De Vereeniging"**

**Auditorium**

**Use in practice/implementation**

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**

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)*

\* there is an option for a take away lunch