



Clinical Seminar

From evidence-based pharmacology to daily clinical practice in neonatal and pediatric medicine



OREA Hotel Pyramida, Bělohorská 125/24, Prague, Czech Republic
25th - 27th September 2024

Objectives

This IPOKRATES seminar will provide high-quality postgraduate education that allows professionals to keep abreast of the latest developments and offers participants the opportunity to discuss clinical or scientific issues with clinical pharmacology experts. This seminar will provide an understanding of the pharmacological principles known as evidence-based pharmacology that will translate into daily clinical practice and provide participants (neonatologists, pediatricians, pharmacists, nurses, pharmacologists, pharmacometricians, and many others) interested in the field with the latest updates. As a novelty, participants will also be invited to present and discuss interesting pharmacological cases with the faculty and each other.

Lecturers

Karel Allegaert

University Hospitals, Leuven, Belgium

Robert Flint

Erasmus MC-Sophia Children's Hospital, Rotterdam, the Netherlands

Pavla Pokorna

Charles University, Prague, Czech Republic, Karolinska Universitet Stockholm, Sweden

Sinno Simons

Erasmus MC-Sophia Children's Hospital, Rotterdam, the Netherlands

Dick Tibboel

Erasmus MC-Sophia Children's Hospital, Rotterdam, the Netherlands

John van den Anker

Children's National Hospital, Washington DC, USA

Information

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Participation Fees

Costs for overnight accommodation and meals are not included.

Single person € 500,-

Single person
from hosting country & Slovakia € 300,-

Single person
from Croatia € 350,-

The Number of Participants is limited to 70.

Please Note:

NO on site registration!

Please register via Internet:

www.ipokrates.info

Host

Pavla Pokorna, MD

General University Hospital and 1st
Faculty of Medicine, Charles University
in Prague

Ke Karlovu 121 09 Prague 2

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Local Organizer

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University of Medicine and Pharmacy
Iuliu Hatieganu

Program Design

Pavla Pokorna, Dick Tibboel, and John van den Anker

Target Audience

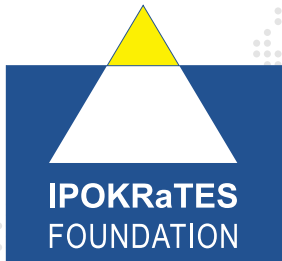
Physicians, nurses, pharmacists, pharmacologists, pharmacometricians caring for neonatal and pediatric patients.

Major Sponsor

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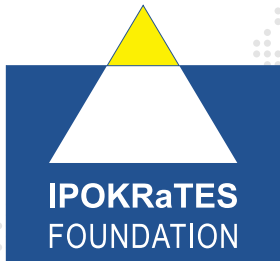
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Program

Wednesday, 25 September 2024

08.00	Registration
08.55	Welcome <i>Faculty</i>
	Clinical pharmacology principles used in daily clinical practice <i>Chairs P. Pokorna and J. van den Anker</i>
09.00	Neonatal clinical pharmacology 2024 <i>J. van den Anker</i>
09.45	Basic pharmacology principles for use in daily practice <i>R. Flint</i>
10.30	Coffee, tea, snacks
11.00	Principles of clinical trials in neonatology <i>S. Simons</i>
11.45	Translation of clinical pharmacology data from experimental to human medicine <i>K. Allegaert</i>
12.30	Lunch
13.30	Therapeutic Drug Monitoring Principles <i>R. Flint</i>
14.15	Therapeutic drug monitoring in daily clinical practice <i>P. Pokorna</i>
15.00	Coffee, tea, snacks
15.30	How to use clinical monitoring to support pharmacotherapy in the NICU <i>S. Simons</i>
16.15	Practical examples of how to use clinical pharmacology principles in the NICU <i>J. van den Anker</i>
17.30	Case report(s) (with a brief review) presented by participants with discussion Q/A <i>D. Tibboel</i>
18.00	End of the day <i>P. Pokorna</i>

Subject to change



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Program

Thursday, 26 September 2024

Clinical pharmacology principles used in specific settings

Chairs *D. Tibboel* and *K. Allegaert*

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|-------|--|
| 09.00 | New ways for neuroprotection in the neonate
<i>K. Allegaert</i> |
| 09.45 | Pharmacotherapy during hypothermia and ECMO
<i>P. Pokorna</i> |
| 10.30 | Coffee, tea, snacks |
| 11.00 | Optimal use of anticonvulsive drugs
<i>P. Pokorna</i> |
| 11.45 | PK/PD modelling in daily clinical practice
<i>R. Flint</i> |
| 12.30 | Lunch |
| 13.30 | Practical examples of how to use PK/PD and TDM in the NICU
<i>R. Flint</i> |
| 14.15 | Pharmacotherapy during ECMO, Cardiopulmonary Bypass and use of other devices (CRRT)
<i>D. Tibboel</i> |
| 15.00 | Coffee, tea, snacks |
| 15.30 | Optimal use of drugs for the management of pain in the NICU
<i>K. Allegaert</i> |
| 16.15 | How to treat opioid withdrawal syndrome
<i>J. van den Anker</i> |
| 17.30 | Case report (with a brief review) presented by participants with discussion Q/A
<i>D. Tibboel</i> |
| 18.00 | End of the day |

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Program

Friday, 27 September 2024

Clinical pharmacology principles used for specific drugs

Chairs R. Flint and S. Simons

- 09.00** Optimal use of antimicrobial drugs in the NICU
K. Allegaert
- 09.45** Optimal use of caffeine and doxapram in the NICU
S. Simons
- 10.30** **Coffee, tea, snacks**
- 11.00** How to use steroids (systemic and inhalational) in the NICU
S. Simons
- 11.45** Pharmacotherapy of a patent ductus arteriosus
K. Allegaert
- 12.30** Clinical trial design: the future is now
D. Tibboel
- 12.50** **End of the day**
P. Pokorna
- 13.00** **Closing remarks**
Faculty

Subject to change