



# IPOKRATES

## Clinical Seminar

Foundation



## Neonatal Pharmacology

Sidra Medicine Hospital, Doha, Qatar  
April 15 - 17, 2019

### Objectives

IPOKRATES seminars provide high quality postgraduate education, which enable professionals to keep abreast of the most recent developments and offer participants the opportunity to discuss clinical problems or scientific issues personally with international experts. This seminar is designed to provide important insights in pharmacology and up to date information on drug treatment of common neonatal conditions, covering important infectious diseases and antibiotic stewardship, respiratory and hemodynamic conditions as well as treatment of patients with Asphyxia/HIE.

### Lecturers

Ken Alexander	Nemours Children's Hospital, Orlando, FL, USA
Karel Allegaert	Erasmus MC, Rotterdam, The Netherlands and KU Leuven, Belgium
Alison Bedford-Russell	Sidra Medicine, Doha, Qatar
Charlotte Casper	Sidra Medicine, Doha, Qatar
Samir Gupta	Sidra Medicine, Doha, Qatar
Helmut Hummler	Sidra Medicine, Doha, Qatar
Simon Murch	Warwick Medical School, West Midland, UK
Nicola Robertson	Sidra Medicine, Doha, Qatar
Tom Young	Wake Med Health and Hospitals & University of North Carolina, Raleigh, USA

Limited Number of Participants: 70

Please Note: Only registered participants, NO on site registration!

Please register via internet: <http://www.ipokrates.info>

**Program Design** Helmut Hummler, Sidra Medicine, Doha, Qatar, and Tom Young, Wake Med Health and Hospitals & University of North Carolina, Raleigh, USA

**Target Groups** Neonatologists, Pediatric Neurologists, Pediatric Epileptologists, Pediatricians, Nurse Practitioners and Nurses and affiliates of university and non-university hospitals.

**Major Sponsors** Dräger, Elsevier, Nestlé Nutrition Institute

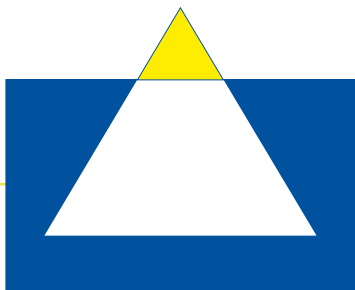
**Local Sponsors** TBA

**Local Organizer** **Helmut D Hummler, MD, MBA**  
Chief Division of Neonatology, Department of Pediatrics, Sidra Medicine  
Professor of Pediatrics adj., University of Ulm, Germany, Assistant Professor of Pediatrics (Interim)  
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**Information/Registration** **IPOKRATES Head Office c/o m:con – mannheim:congress GmbH**  
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**Travel** Qatar offers a visa waiver program for more than 80 countries across the world – please check <https://www.qatarairways.com/en-qa/visa-free-arrival.html> if your country is included.

**Participation Fees** Contributions to cover expenses / No on-site registration  
Single Person 350 EUR



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## Monday, April 15, 2019

07:00	Registration	
07:45	Welcome and Introduction	Tom Young, Helmut Hummler
	<b>Drug treatment of infectious diseases</b>	
08:00	Antibiotic Selection	Ken Alexander
08:45	PK/PD of Antibiotics	Karel Allegaert
09:30	Panel discussion	
10:00	<i>Coffee Break</i>	
10:30	Hazards of antibiotics in neonates beyond resistance	Alison Bedford-Russell
11:15	Culture negative sepsis	Ken Alexander
12:00	Panel Discussion	
12:30	<i>Lunch</i>	
13:30	Perinatal CMV-Infection – should we treat? If yes, with what and how long?	Charlotte Casper
14:15	Breast milk – the ideal personalized drug	Simon Murch
15:00	Panel Discussion	
15:30	<i>Adjourn</i>	

## Tuesday, April 16, 2019

07:00	Registration	
	<b>Hemodynamic conditions</b>	
07:30	Which inotrope for which baby – an objective approach to the treatment of adverse hemodynamic conditions in neonates	Samir Gupta
08:15	Drug Treatment of PPHN	Helmut Hummler
09:00	Panel discussion	
09:30	<i>Coffee Break</i>	
10:00	Pharmacologic management of PDA – A penny for your thoughts	Samir Gupta
10:45	Pharmacology of Paracetamol – for treatment of PDA, Analgesia, and prenatal	Karel Allegaert
11:30	Panel discussion	
12:00	<i>Lunch</i>	
	<b>Respiratory problems</b>	
13:00	Caffeine in preterm infants - Review	Tom Young
13:45	Oxygen as a drug – Automated FiO <sub>2</sub> adjustments	Helmut Hummler
14:30	Postnatal Steroids	Tom Young
15:15	Panel discussion	
15:45	<i>Adjourn</i>	

## Wednesday, April 17, 2019

07:00	Registration	
	<b>Drug therapy during/for Asphyxia/HIE</b>	
07:30	Developmental Pharmacokinetics in Neonates	Karel Allegaert
08:15	Pharmacokinetics during Therapeutic Hypothermia	Tom Young
09:00	Neonatal seizure treatments – the new, the old and the useless	Nicola Robertson
09:45	Panel discussion	
10:15	<i>Coffee Break</i>	
10:45	Potential new adjunct therapies to avoid adverse neurodevelopmental outcome - Melatonin, Epo, etc.	Nicola Robertson
11:30	Immunizations in the NICU	Ken Alexander
12:15	Panel discussion	
12:45	<i>Adjourn</i>	

**Subject to change.**