



IPOKRATES

Clinical Seminar

Foundation



Protecting brain and lungs: Precision medicine in PICU and NICU

Paris, France
November 5 – 7, 2020

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 participants with a state-of-the art, comprehensive, and interdisciplinary approach to neurological and respiratory disease in critical neonates and children. Participants will learn about mechanisms- and etiology-driven management and new therapies in order to implement precision-medicine approaches in the Pediatric and Neonatal Intensive Care Units. Lectures will focus on mechanisms of injury, multimodal monitoring in neonates and children at risk of lung and brain damage, neuroprotection, lung protection, and new treatment approaches and will be given ample chance to directly discuss with the international experts.

Lecturers

M. Roberta Cilio	Professor of Pediatric Neurology, University of Louvain, Pediatric and Neonatal Neurologist and Neurphysiologist, Cliniques Universitaires Saint-Luc, Brussels, Belgium
Daniele De Luca	Associate Professor of Neonatology, Chief of the Division of Pediatrics and Neonatal Critical Care, South Paris University Hospitals - Unité de Physiopathologie et Innovation Thérapeutique – INSERM U999, Université Paris Sud Saclay, Paris, France; President - Elect of the European Society for Pediatric and Neonatal Intensive Care (ESPNIC)
Frank van Bel	Professor of Neonatology, University Medical Center Utrecht, The Netherlands
Olivier Danhaive	Professor of Neonatology, Catholic University of Louvain, Chief of the Neonatal Intensive Care Unit, Cliniques Universitaires Saint-Luc, Brussels, Belgium
Anton van Kaam	Professor of Neonatology, Chief of Division of neonatology, AMC, University of Amsterdam, The Netherlands
Nicola Specchio	Director of Rare and Complex Epilepsies Center, Bambino Gesù Children's Hospital and Research Institute, Rome, Italy
Rima Nababout	Professor of Pediatric Neurology, Director of the Rare Epilepsies Center of Reference, Paris, France
Peter Rimensberger	Professor of Pediatric and Neonatal Critical Care, Chief of the Division of Pediatric and Neonatal Critical Care, University of Geneva, Switzerland (former ESPNIC President)
Karl Schettler	Director of Pediatric and Neonatal Neuro-critical Care Program, Neonatology and Pediatric Intensive Care, Kinderkrankenhaus St. Marien gGmbH, Landshut, Germany
Robert Tasker	Professor of Pediatric Anesthesia and Neuro-critical Care, Harvard Children Hospital, Boston, MA, USA

Limited Number of Participants: 100

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

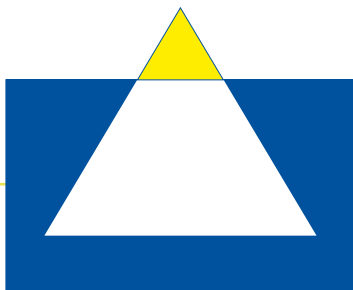
Please register via internet: <https://www.ipokrates.info>

Program Design M.R. Cilio, Belgium and D. De Luca, France

Target Groups Doctors, nurses and affiliates of university and non-university hospitals in the field of neonatal and pediatric intensive care, intensive care, pediatric and neonatal neurology and pulmonology, pediatric anesthesiology and neuro- and respiratory physiology

Major Sponsors Dräger, Elsevier, Nestlé Nutrition Institute

Local Sponsors TBA



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Local Organizer Prof. Daniele DE LUCA (MD, PhD)
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Registration Fees

	before September 10, 2020	after September 10, 2020
Single Person	450,- €	480,- €

THURSDAY, November 5, 2020

08.00-08.30	Introduction	D. De Luca & M. R. Cilio
08.30-09.30	Mechanisms of parenchymal lung injury in neonates	A. van Kaam
09.30-10.30	Mechanisms of parenchymal lung injury in children	P. Rimensberger
10.30-11.00	Coffee break	
11.00-11.45	Mechanisms of vascular lung disorders	O. Danhaive
12.00-12.45	Mechanisms of brain injury in neonates	F. van Bel
13.00-14.00	Lunch	
14.00-15.00	Mechanisms of brain injury in critically ill children	R. Tasker
15.00-16.00	Cerebral monitoring in neonatal and pediatric critical care	K. Schettler
16.00-16.15	Coffee break	
16.15-17.15	Seizures and status epilepticus in the NICU	M.R. Cilio
17.15-18.15	Brain on FIRES: Refractory and super-refractory status epilepticus in the PICU	R. Nabbout

FRIDAY, November 6, 2020

08.30-09.15	Precision medicine approach to neonatal and pediatric ARDS	D. De Luca
09:30-10:15	Point-of-care lung ultrasound to personalize respiratory care	D. De Luca
10.30-11.00	Coffee break	
11.00-12.00	Monitoring during mechanical ventilation in neonates and children	P. Rimensberger
12.00-13.00	Precision medicine treatment for neurodegenerative pediatric diseases: The future is now	N. Specchio
13.00-14.00	Lunch	
14:00-15:00	Strategies for neonatal neuro-protection	F. van Bel
15:00-16:00	Strategies for pediatric neuro-protection	R. Tasker
16:00-16:15	Coffee break	
16:15-17:15	Personalized treatment of seizures in the neonate	M.R. Cilio
17:15-18:15	Personalized approach to children with traumatic brain injury	R. Tasker

SATURDAY, November 7, 2020

08.30-09.30	Physiology-guided ventilation in neonates and children	P. Rimensberger
09.30-10.30	Biology – guided surfactant therapy in neonates and children	D. De Luca
10.30-11:00	Coffee break	
11.00-12.00	Effect of cerebral stimulants of breathing physiology	A. van Kaam
12.00-13.00	Effect of whole-body hypothermia on the lung	D. De Luca
13.00-13.30	Open discussion and conclusions	

Subject to change.