



# IPOKRATES

## Clinical Seminar

Foundation



## The BEST of IPOKRATES: an UPDATE in NEONATOLOGY

Stazione Marittima, Naples, Italy  
November 19 – 22, 2019

### Objectives

IPOKRATES seminars provide high quality postgraduate education, which enables 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 offers a comprehensive update on important problems, pathophysiology, clinical assessment, management and care in the premature and mature newborn.

### Lecturers (alphabetic order)

Allegaert Karel	KU Leuven, Department of Development and Regeneration, Belgium and Erasmus MC Rotterdam, The Netherlands
Aschner Judy	Albert Einstein College of Medicine, Bronx, NY, USA
Cilio Maria R.	University of Louvain, Saint-Luc University Hospital, Brussels, Belgium
Davis Peter G.	University of Melbourne, The Royal Women's Hospital, Melbourne, Australia
El Khuffash Afif	The Rotunda Hospital, Dublin, Ireland
Gressens Pierre	Robert-Debré Hopspital, Inserm-Paris 7 University, Paris, France
Hay Bill	University of Colorado School of Medicine, Aurora, Colorado, USA
Indrio Flavia	University of Bari, Bari, Italy
Jaksic Tom	Children's Hospital Boston, Boston, MA, USA
Jobe Alan	University of Cincinnati, Cincinnati, USA
Keszler Martin	Brown University, Rhode Island, USA
Korf Bruce	University of Alabama at Birmingham, Birmingham, USA
Neu Josef	University of Florida, College of Medicine, Gainesville, USA
Polin Richard	Columbia University, N.Y, USA
Raimondi Francesco	Università „Federico II“ di Napoli, Naples, Italy
Seri Istvan	Semmelweis University, Budapest, Hungary
Steinhorn Robin	Children's Hospital Los Angeles, USC Keck School of Medicine, Los Angeles, CA, USA
van Kaam Anton	George Washington University, Washington, DC, USA
	Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands

Limited Number of Participants: 250

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

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

**Program Design** Neu Josef, Gainesville, Florida, USA

**Target Groups** Doctors, nurses and affiliates of university and non-university hospitals in the field of neonatology and intensive care, pediatrics and related specialties.



# The BEST of IPOKRATES: an UPDATE in NEONATOLOGY

Stazione Marittima, Naples, Italy  
November 19 – 22, 2019

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

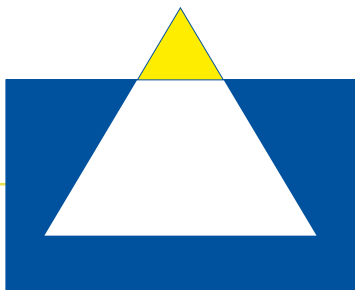
**Local Sponsors** TBA

**Local Organizer** **Francesco Raimondi, MD PhD**  
Chief, Division of Neonatology, Section of Pediatrics  
Dept of Translational Medical Sciences,  
Università „Federico II“ di Napoli  
80131 Naples, Italy  
Phone (office) +390817463004; email: raimondi@unina.it

**Information/  
Registration** **IPOKRATES Head Office c/o m:con – mannheim:congress GmbH**  
Rosengartenplatz 2, 68161 Mannheim / Germany  
Phone +49 (0)621 4106-134, Fax +49 (0)621 4106-80134  
e-mail: ipokrates@mcon-mannheim.de, internet: <http://www.ipokrates.info>

<b>Participation Fees</b>	before August 27, 2019	after August 27, 2019
Single Person	580,- €	630,- €

**Subject to change.**



# The BEST of IPOKRATES: an UPDATE in NEONATOLOGY

Stazione Marittima, Naples, Italy  
November 19 – 22, 2019

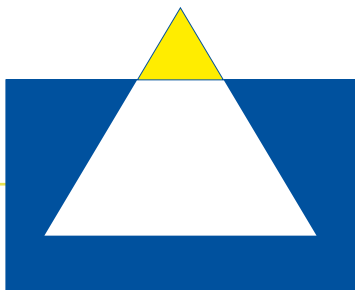
## Tuesday, November 19, 2019 – Day 1

08:00-08:15	Opening Statements	Francesco Raimondi, Georg Simbruner, Josef Neu
08:15-09:00	Basics of Respiratory Support	Martin Keszler
09:00-09:45	Genomic Medicine in the Nursery: What Neonatologists should know	Bruce Korf
09:45-10:30	Development of the Pulmonary Vascular System: Pathogenesis of Pulmonary Hypertension	Robin Steinhorn
10:30-11:00	<i>Coffee Break</i>	
11:00-11:45	The Ductus Arteriosus: History, Pathophysiology, and does it really cause Disease in the Preterm Infant	Afif EL Khuffash
11:45-12:30	Development of Digestion, Absorption and Motility	Flavia Indrio
12:30-14:00	<i>Lunch</i>	
14:00-14:45	Development of Intestinal Mucosal Immunity: Relationship to Subsequent Health and Disease	Josef Neu
14:45-15:30	Basics of Macronutrient Metabolism in Preterm, SGA and LGA Infants	Bill Hay
15:30-16:00	<i>Coffee Break</i>	
16:00-16:45	Inflammation and Pathogenesis of Brain Injury	Pierre Gressens
16:45-18:00	Special Discussion Sessions on Defining Disease in the Newborn: Each Group is given 15 minutes to define the following: -Sepsis -Necrotizing Enterocolitis -Hypoxic-Ischemic Encephalopathy -Bronchopulmonary Dysplasia	Polin/Neu/Jobe/Davis Neu/Indrio/Jaksic/Hay Gressens/Cilio Jobe/van Kamm/Aschner/Steinhorn/Keszler

## Wednesday, November 20, 2019 - Day 2

08:00-08:45	Monitoring the Brain in the NICU	Roberta Cilio
08:45-09:30	Cardiorespiratory and Critical Care Monitoring	Istvan Seri
09:30-10:15	Drug Monitoring in the Neonate	Karel Allegaert
10:15-10:45	<i>Coffee Break</i>	
10:45-11:30	Diagnostic Modalities to Monitor Lung Disease: Ultrasound, Non invasive O <sub>2</sub> , CO <sub>2</sub> , NAVA Based Modalities	Francesco Raimondi and Martin Keszler
11:30-12:00	Neonatal Resuscitation: Neonatal Resuscitation: The basics and how to teach them	Peter Davis
12:00-12:30	History of CPAP	Alan Jobe
12:30-14:00	<i>Lunch</i>	
14:00-14:30	Neonatal Resuscitation: Recent Developments in Lung Aeration and Cord Clamping	Peter Davis
14:30-15:00	CPAP and NIPPV, the Gold Standard or Pretender	Richard Polin
15:00-15:30	Postnatal Steroid Use---When and how?	Anton van Kaam
15:30-16:00	<i>Coffee Break</i>	
16:00-16:30	Treatment of Neonatal Hypotension: A Conundrum for the Practicing Neonatologist	Istvan Seri
16:30-17:00	High Frequency Ventilation and Advanced Strategies	Anton Van Kaam
17:00-18:00	Questions and Answers—Panel Discussion	

**Subject to change.**



# The BEST of IPOKRATES: an UPDATE in NEONATOLOGY

Stazione Marittima, Naples, Italy  
November 19 – 22, 2019

## Thursday, November 21, 2019 - Day 3

08:00-08:45	The Changing Treatment Landscape for Seizures in the Neonate	Roberta Cilio
08:45-09:30	Neuroprotection and Prevention of Brain Damage in Preterm Infants	Pierre Gressens
09:30-10:15	Antenatal and Postnatal Steroids and Surfactant Therapy	Alan Jobe
10:15-10:45	<i>Coffee Break</i>	
10:45-11:15	Challenges in Developing Clinical Trial Endpoints for Preterms with Lung Disease	Judy Aschner
11:15-11:45	Neonatal Clinical Trials: How can we do better?	Martin Keszler
11:45-12:15	Unanticipated Deaths of VLBW Infants in Clinical Trials	Alan Jobe
12:15-12:30	Panel Discussion	
12:30-14:00	<i>Lunch</i>	
14:00-14:45	Neonatal Surgical Conditions: An Overview	Tom Jaksic
14:45-15:30	Necrotizing Enterocolitis: An Update	Josef Neu
15:30-16:00	<i>Coffee Break</i>	
16:00-16:30	Parenteral Nutrition Strategies	Bill Hay
16:30-17:00	Enteral Nutrition Strategies	Josef Neu
17:00-17:30	Special Nutritional Considerations for the Surgical Neonate	Tom Jaksic
17:30-18:00	Panel Discussion	

## Friday, November 22, 2019 - Day 4

08:00-08:45	Genomic Medicine into the Future:	Bruce Korf
08:45-09:30	What's in Store for Newborn Medicine	
09:30-10:15	Perinatal Microbiome, Prematurity and Bronchopulmonary Dysplasia	Richard Polin
10:15-10:45	Environmental Factors, Diet, Drugs Affecting the Microbiome, Metabolome and Inflammatory Mediators in the Preterm Infant	Josef Neu
10:45-11:30	<i>Coffee Break</i>	
11:30-12:15	Therapeutic Approaches to Patients with Refractory Pulmonary Hypertension	Robin Steinhorn/Judy Aschner
12:15-12:30	Management of Pulmonary Hypertension	Robin Steinhorn
12:30-14:00	Panel Discussion	
14:00-14:45	<i>Lunch</i>	
14:45-15:30	Programming and Long Term Outcomes of Over and Undernutrition in AGA, SGA and LGA Infants	Bill Hay
15:30-16:00	What Neonatologists should know about Neonates Needing Surgery	Tom Jaksic
16:00-16:45	<i>Coffee Break</i>	
16:45-17:30	Neonatal Abstinence Syndrome	Karel Allegaert
17:30-18:00	Environmental Exposures in the NICU	Judy Aschner
	Where do we go from here--- brief overview of the future and adjournment of the meeting	