

UENPS/IPOKRATES 2020 Seminars PRELIMINARY PROGRAMME

Presentation of the Seminar: Joe Neu (USA) and Corrado Moretti (Italy)

Session 1. Thursday October 15, from 5 pm to 7.45 pm CEST

BASIC VIROLOGY, IMMUNOLOGY, AND HOST VIRUS INTERACTIONS

Chairs: Richard Condit, USA
Department of Molecular Genetics & Microbiology, College of Medicine, University of Florida

Introduction: 10 minutes

1. Coronavirus biology

Mattew B Frieman, USA

Department of Microbiology and Immunology, University of Maryland School of Medicine, Baltimore, Maryland (30 minutes)

2. SARS-CoV-2 Pathogenesis

Lisa Gralinski, USA

Gillings School of Global Public Health (UNC), Chapel Hill, North Carolina (30 minutes)

3. Fundamental mechanisms of the placental barrier to maternal-fetal transmission of viruses

Carolyn Coyne, USA

Department of Pediatrics, University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania (30 minutes)

Panel discussion:

The genetic heterogeneity of SARS-CoV-2: research methods and applications.

Antonino Di Caro, Italy

National Institute for Infectious Diseases "Lazzaro Spallanzani", Rome, Italy (5 minutes)

- Richard Condit
- Matthew Frieman
- Lisa Gralinski
- Carolyn Coyn

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Session 2. Thursday October 22, from 5 pm to 7.45 pm CEST

CONSIDERATIONS DURING PREGNANCY, THE NEWBORN PERIOD AND CHILDHOOD

Chairs: Richard Polin, USA
Columbia Columbia University Medical Center; NYC;
Ola D Saugstad, Norway (TBC)
Institute of Clinical Medicine, University of Oslo

Introduction: 10 minutes

- 1. Transmission of disease to the mother and foetus**
 - Manuel Sanchez Luna, Spain
Neonatology Division and NICU at Hospital General Universitario “Gregorio Marañón” Madrid (20 min)
 - Marian Knight, United Kingdom
National Perinatal Epidemiology Unit, Nuffield Department of Population Health, University of Oxford, Oxford (20 min)
- 2. Infection Prevention and Control Challenges for Obstetrics and Neonates: lesson learned from Interdisciplinary Teams of Obstetrics and Pediatrics.**
Lisa Saiman, USA
Division of Pediatric Infectious Diseases, Department of Pediatrics, Columbia University Medical Center, New York-Presbyterian (20 min)
- 3. Transmission from mother to the newborn after birth----does there need to be separation?**
Riccardo Davanzo, Italy
Maternal and Child Health Institute, IRCCS Burlo Garofolo, Trieste (20 min)
- 4. Multisystem Inflammatory Syndrome related to COVID-19 in children and adolescents.**
Steven G. Kernie, USA
Department of Pediatrics, Columbia University Irving Medical Center, New York (20 min)

Panel Discussion (45 minutes)

Short communications from Norway, USA and Brazil (15 minutes)

Why COVID-19 is less severe among children?

Claus Klingenberg^{IP}_{SEP}
Division of Paediatric and Adolescent Medicine, University Hospital of North Norway and Institute of Clinical Medicine, Faculty of Health Science, University of Tromsø – Norway’s Arctic university, claus.klingenberg@unn.no (5 Minutes)

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Title (tbd)

Mark Hudak

Department of Pediatrics, University of Florida-Jacksonville, USA (5 minutes)

The Covid-19 pandemic in Brazil: viewpoint of the obstetrician.

Eduardo Sergio Valerio Borges da Fonseca

Dpt of Obst & Gynecology, Federal University of Paraiba, Brazil (5 minutes)

Richard Polin

Ola Saugstad

Manuel Sanchez Luna

Marian Knight

Lisa Sailam

Riccardo Davanzo

Steven Kernie

(30 minutes)

Session 3. Thursday October 29, from 5 pm to 7.45 pm CEST

HEALTH AND SOCIAL ASPECTS OF COVID 19 PANDEMIC: A GLOBAL PERSPECTIVE

Chairs: Neena Modi, *Imperial College, London*

Introduction: 10 minutes

1. Facing the pandemic in neonatal, perinatal and pediatric field: experience from different countries. Representatives from:

- India: Lalan Bharti (*Neonatologist, National Neonatology Forum*)
- Russia: Marina Degtyareva (*Pirogov Russian National Research Medical University Moscow*)
- Sweden: Lars Naver (*Neonatologist, Karolinska Institutet*)
- Israel: Samuel Zangen (*Neonatology, Barzilai University Medical Center, Ashkelon*)
- USA: Mark Hudak (*Department of Pediatrics, University of Florida-Jacksonville, USA*)

(50 minutes; 8 minutes/speaker)

2. What are the major family and school issues and what can be done about them.

Giorgio Tamburlini, Italy

Centro Salute del Bambino, Trieste (20 minutes)

3. Lesson from the current pandemic, how can we best work together to manage the next challenge?

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- **Viewpoint of the economist.**
Gabriella Conti, United Kingdom
University College London-UCL (20 minutes)
- **Pandemics and global health**
Stefano Vella, *Global Health, Catholic University, Rome (20 minutes).*

Panelists:

Umberto Simeoni, *Switzerland, FIMPP - The International Foundation for Maternal Periconceptual and Peri- Neonatal*

Giuseppe Buonocore, *Italy, UENPS, Union of European Neonatal and Perinatal Societies*

Elie Saliba, *France, EAPM European Association of Perinatal Medicine*

Charles C. Roehr, *United Kingdom, ESPR – European Society for Pediatric Research*

Silke Mader, *Germany, EFCNI – European Foundation for the Care of Newborn Infants*

+ chair+speakers

Organizing Committee (OC)

Prof. Corrado Moretti

Emeritus Consultant in Paediatrics, Sapienza University of Rome, President of UENPS (Union of European Neonatal and Perinatal Societies)

Prof. Josef Neu

Department of Pediatrics, University of Florida College of Medicine, Gainesville, Florida, USA

Prof. Richard Condit

Department of Molecular Genetics & Microbiology, College of Medicine, University of Florida

Dr. Riccardo Davanzo

Neonatologist, Maternal and Child Health Institute, IRCCS Burlo Garofolo, Trieste, Technical Panel on Breastfeeding, MOH, Rome, Italy

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