



National and
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University of Athens
3rd Department of Pediatrics

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8th Maria Delivoria-Papadopoulou Perinatal Symposium

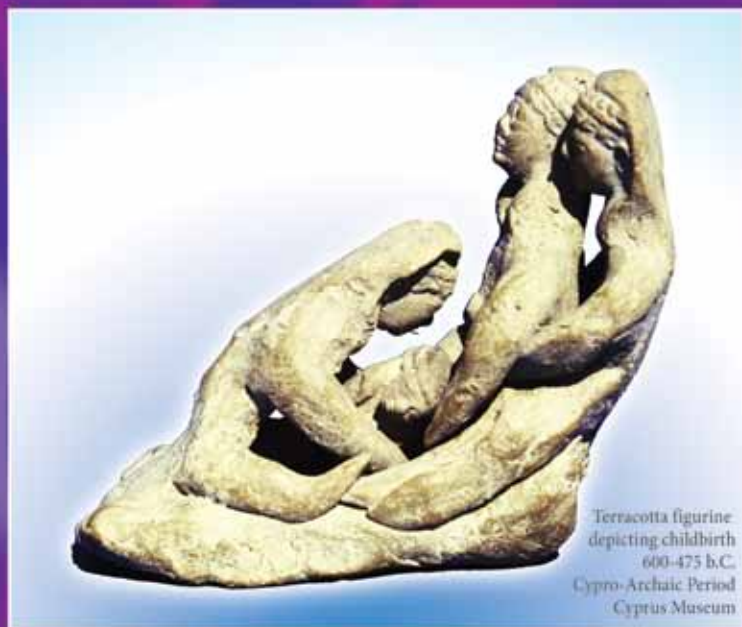
“Perinatal Nutrition and DOHaD Consequences”

ORGANIZATION:

Prof. A. Malamitsi-Puchner, GR
Prof. V. Papaevangelou, GR
Assoc. Prof. D.D. Briana, GR

FACULTY:

Prof. G.C. Di Renzo, IT
Prof. V. Fanos, IT
Prof. M. Hanson, UK
Prof. H. Lagercrantz, SE
Prof. N. Modi, UK
Prof. U. Simeoni, CH



Terracotta figurine
depicting childbirth
600-475 b.C.
Cypro-Archaic Period
Cyprus Museum

In memoriam of Maria

under the auspices of the

- NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS
- PREIS SCHOOL FLORENCE

Saturday, March 6th 2021

“AKISA Amphitheatre”, Attikon University Hospital, Athens

FREE REGISTRATION - CME CREDITS

Symposium Secretariat:

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“Perinatal Nutrition and DOHaD Consequences”

Dear Colleagues,



The 8th “Maria Delivoria-Papadopoulos Perinatal Symposium”, adapting to the requirements of the COVID-19 pandemic, has changed its usual form to hybrid. This permits a great number of participants across the world to follow free of charge the presentations by prominent international scientists and take part in the interactive panel discussion on a very important topic: “Perinatal Nutrition and DOHaD Consequences”. Relatively, constantly emerging research data clearly recognize the catalytic role of perinatal nutrition in the long-term health of the offspring, but also of future generations. The Symposium is endorsed by two important institutions: The National and Kapodistrian University of Athens and The PREIS School, Florence.

The “Maria Delivoria-Papadopoulos Perinatal Symposia” started in 2010 and address each time extensively only one theme, adhering to the exact definition of a “scientific Symposium”. They are named after the famous Greek-American Professor Maria Delivoria-Papadopoulos, the legendary “Trailblazer in Perinatology” and “Mother of Neonatology”: the clinician and scientist who, as first worldwide applied mechanical respiratory support to premature neonates and gained numerous awards for her pioneering work in peri-and-neonatal physiology, particularly of the brain. Maria participated several times to these Symposia and intended to virtually follow this latest edition. Unfortunately, on September 11, 2020 she passed away; thus, the current Symposium will be a tribute to her memory.

The undersigned shares Maria’s notion that knowledge transfer is a “social good”, which should be largely disseminated for free, hence making sponsors’ contribution invaluable.

Hoping that you will enjoy the presentations and you will vividly participate to the discussions I want to cordially thank our distinguished speakers for their eager engagement.

Professor Ariadne Malamitsi-Puchner, MD, PhD

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“Perinatal Nutrition and DOHaD Consequences”
Saturday, March 6th 2021

PROGRAMME

Moderator: Prof. Vana Papaevangelou

Central European Time

- 09:00 - 09:20 **Welcome**
A. Malamitsi-Puchner, V. Papaevangelou, D.D. Briana, G.C. Di Renzo
- 09:20 - 09:50 **Historical Introduction: Perinatal nutrition in Ancient Greece and Byzantium**
A. Malamitsi-Puchner
- 09:50 - 10:00 **Discussion**
- 10:00 - 10:30 **Conceptual framework for the developmental origins of health and disease**
M. Hanson
- 10:30 - 10:40 **Discussion**
- 10:40 - 11:10 **Nutrients, environmental toxicants, placental function and fetal growth**
G.C. Di Renzo
- 11:10 - 11:20 **Discussion**
- 11:20 - 11:50 **Epigenetics and perinatal nutrition**
U. Simeoni
- 11:50 - 12:00 **Discussion**
- 12:00 - 12:45 **Break**
- 12:45 - 13:15 **Challenges in preterm neonatal nutrition**
N. Modi
- 13:15 - 13:25 **Discussion**
- 13:25 - 13:55 **Neurotransmitters and brain development in early life**
H. Lagercrantz
- 13:55 - 14:05 **Discussion**
- 14:05 - 14:35 **Metabolomics in perinatal nutrition: between ‘not enough’ and ‘too much’**
V. Fanos
- 14:35 - 14:45 **Discussion**
- 14:45 - 15:30 **Break**
- 15:30 - 16:00 **Nutrition, Microbiome and Non-communicable diseases**
D.D. Briana
- 16:00 - 16:10 **Discussion**
- 16:10 - 17:00 **Conclusive Remarks and Interactive Panel Discussion**

SPEAKERS

Despina D. Briana, MD, PhD

Associate Professor of Pediatrics-Neonatology, Neonatal Intensive Care Unit, 3rd Department of Pediatrics, National and Kapodistrian University of Athens, Athens, Greece

Gian Carlo Di Renzo, MD, PhD

Professor of Obstetrics and Gynecology; Head, Department of Obstetrics and Gynecology and Centre for Perinatal and Reproductive Medicine, University of Perugia, Perugia, Italy; Editor-in-Chief "Journal of Maternal Fetal and Neonatal Medicine", Department of Obstetrics and Gynecology, IM Sechenov First State University of Moscow, Moscow, Russia, DrhcNKUA

Vassilios Fanos, MD, PhD

Professor of Pediatrics, University of Cagliari; Chief, Neonatal Intensive Care Unit; Director, School of Pediatrics, University of Cagliari; Editor-in-Chief, "Journal of Pediatric and Neonatal Individualized Medicine", Cagliari, Italy

Mark Hanson, DPhil

Professor, British Heart Foundation, Institute of Developmental Sciences and NIHR Biomedical Research Centre, University of Southampton and University Hospital Southampton, Southampton, United Kingdom

Hugo Lagercrantz, MD, PhD

Professor of Pediatrics and Neonatology, Karolinska Institutet; Editor-in-Chief "Acta Paediatrica" Stockholm, Sweden, DrhcNKUA

Ariadne Malamitsi-Puchner, MD, PhD

Professor of Pediatrics-Neonatology, National and Kapodistrian University of Athens; Scientific Collaborator Neonatal Intensive Care Unit, 3rd Department of Pediatrics, National and Kapodistrian University of Athens, Athens, Greece

Neena Modi, FMedSci

Professor of Neonatal Medicine, Imperial College London; Consultant Neonatal Medicine Chelsea and Westminster NHS Foundation Trust; President, UK Medical Women's Federation; Immediate Past-President, UK Royal College of Paediatrics and Child Health; Director, Neonatal Data Analysis Unit, London, United Kingdom

Vana Papaevangelou, MD, PhD

Professor of Pediatrics-Infectious Diseases; Head, 3rd Department of Pediatrics, National and Kapodistrian University of Athens, Athens, Greece

Umberto Simeoni, MD, PhD

Professor of Pediatrics; Head, Division of Pediatrics and DOHaD Research Unit, Woman-Mother-Child Department, CHUV Lausanne University Hospital, Lausanne, Switzerland