



National and  
Kapodistrian  
University of Athens  
3<sup>rd</sup> Department of Pediatrics

EST. 1837

# 10<sup>th</sup> Maria Delivoria-Papadopoulou Perinatal Symposium

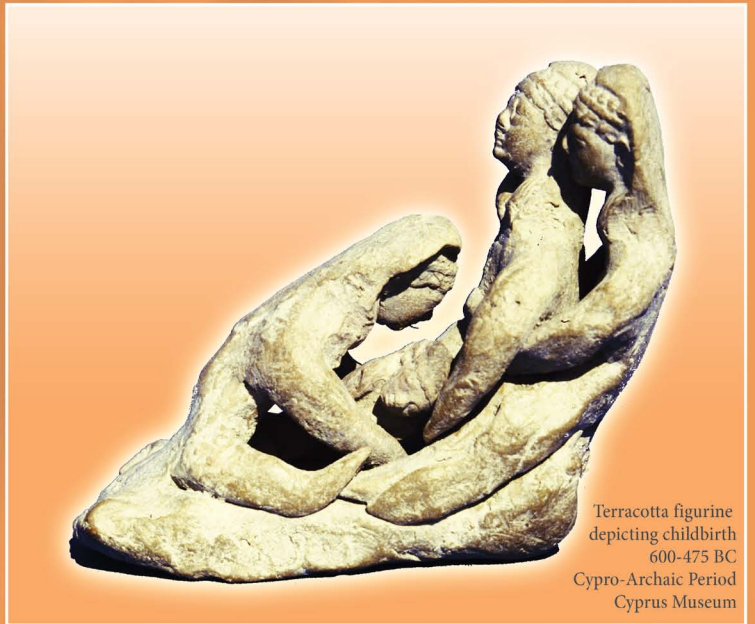
## “Advanced Maternal Age and Childbearing”

### ORGANIZATION:

Prof. A. Malamitsi-Puchner, GR  
Prof. GC. Di Renzo, IT, US  
Prof. V. Papaevangelou, GR  
Prof. DD. Briana, GR

### FACULTY:

Prof. DD. Briana, GR  
Prof. GC. Di Renzo, IT, US  
Prof. V. Fanos, IT  
Dr. L. Gianaroli, IT  
Prof. M. Hanson, UK  
Dr. JE. Jardine, UK  
Prof. A. Malamitsi-Puchner, GR  
Prof. F. Marchetti, CA  
Prof. N. Modi, UK  
Prof. V. Papaevangelou, GR  
Prof. GE. Ptak, PL  
Prof. U. Simeoni, CH  
Dr. T. Sobotka, AU  
Prof. M. Weindling, UK



Terracotta figurine  
depicting childbirth  
600-475 BC  
Cypro-Archaic Period  
Cyprus Museum

*under the auspices of the*

- NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS
- PREIS SCHOOL FLORENCE

## Saturday, March 11<sup>th</sup> 2023

Virtual Symposium

**FREE REGISTRATION - CME CREDITS**

Symposium Secretariat:  
Everest Travel & Congresses  
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## **“Advanced Maternal Age and Childbearing”**

*Dear Colleagues,*

*I welcome you to the 10th Maria Delivoria-Papadopoulos Perinatal Symposium, which this year has the title “Advanced Maternal Age and Childbearing”. This topic is extremely interesting and very topical, at least for Western societies, where gender equality is legislated.*

*The good of equality, for which entire generations of oppressed women fought and finally won - in many, but not yet in most countries of the world - does not only entail the recognition of the value of women and their equal position in society. It has as a consequence the need for greater and longer education and the search for work, often exhausting, in an extremely competitive environment, where the male gender has dominated for centuries.*

*The result is a delay in the woman’s decision to start a family and reproduce, at ages much older than in the past. But this brings about a series of biological, medical, social, economic problems and has a direct impact on both herself and her offspring.*

*We will discuss these issues at our Symposium this year. The selection of speakers, to which the co-organizer Professor Gian Carlo Di Renzo contributed decisively, are internationally the most experts. I would like to wholeheartedly thank them for their selfless offer on their day off and eventual rest, in addition for some in “brutal” morning hours.*

*I would also like to express my thanks to the sponsors, without whose contribution the event would not have been possible, as well as to the office that undertook the secretarial support of the Symposium. Finally, to all of you who will watch it, hoping that you will gain new, useful knowledge.*

*Professor Ariadne Malamitsi-Puchner, MD, PhD*

10<sup>th</sup> Maria Delivoria-Papadopoulos Perinatal Symposium  
(virtual)  
“Advanced Maternal Age and Childbearing”  
Saturday, March 11<sup>th</sup> 2023

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## PROGRAMME

### CENTRAL EUROPEAN TIME

09:00 - 09:20 **Openings:** *Ariadne Malamitsi–Puchner, Gian Carlo Di Renzo, Despina Briana, Vana Papaevangelou*

#### 1<sup>st</sup> Session – Chairpersons: *Vana Papaevangelou (GR), Umberto Simeoni (CH)*

09:20 - 09:50 **Evidence, hints and assumptions for late childbearing in antiquity**  
*Ariadne Malamitsi-Puchner (Athens, Greece)*

09:50 - 10:00 Discussion

10:00 - 10:30 **Metabolomics in the perinatal period and its relation to maternal age**  
*Vassilios Fanos (Cagliari, Italy)*

10:30 - 10:40 Discussion

10:40 - 11:10 **Implications for assisted reproductive technologies**  
*Luca Gianaroli (Bologna, Italy)*

11:10 - 11:20 Discussion

11:20 - 11:50 **Delaying childbearing in reproductive age: trends and socioeconomic implications**  
*Tomas Sobotka (Vienna, Austria)*

11:50 - 12:00 Discussion

12:00 - 12:30 **The effect of COVID-19 pandemic on age of childbearing**  
*Jennifer E. Jardine (London, UK)*

12:30 - 12:40 Discussion

12:40 - 13:00 **Break**

#### 2<sup>nd</sup> Session – Chairpersons: *Neena Modi (UK), Michael Weindling (UK)*

13:00 - 13:30 **Problems in the periconceptional and perinatal periods**  
*Gian Carlo Di Renzo (Perugia, Italy and Detroit, USA)*

13:30 - 13:40 Discussion

13:40 - 14:10 **The neonate of the aging mother**  
*Despina D. Briana (Athens, Greece)*

14:10 - 14:20 Discussion

14:20 - 14:50 **The influence of advanced maternal age on embryo development and health of the progeny**  
*Grazyna Ewa Ptak (Cracow, Poland)*

14:50 - 15:00 Discussion

15:00 - 15:30 **Genetic quality of germlines in aging parents**  
*Francesco Marchetti (Ottawa, Canada)*

15:30 - 15:40 Discussion

15:40 - 16:10 **The DOHaD concept: transgenerational effects of the aging mother and father**  
*Mark Hanson (Southampton, UK)*

16:10 - 16:20 Discussion

16:20 - 16:30 **Break**

16:30 - 17:30 **Panel Discussion**

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## SPEAKERS

**Despina D. Briana, MD, PhD**

*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, FRCOG (hon), FACOG (hon), FICOG (hon)**

*Professor of Obstetrics, Maternal-Fetal Medicine and Gynecology, Coordinator, Centre for Perinatal and Reproductive Medicine, University of Perugia, Perugia, Italy*  
*Professor, Department of Obstetrics and Gynecology, IM Sechenov First State University, Moscow, Russia, DrhcNKUA*

**Vassilios Fanos, MD, PhD**

*Full Professor of Pediatrics University of Cagliari, Director Neonatal Intensive Care Unit, Azienda Ospedaliero Universitaria Cagliari, Director School of Pediatrics, University of Cagliari, Cagliari, Italy*

**Luca Gianaroli, Dr. (MD, FRCOG)**

*Scientific Director, S.I.S.Me.R. Reproductive Medicine Institute, Bologna, Italy*

**Mark Hanson, MA DPhil, PGCE, FRCOG(hon), FRCPCH(hon)**

*Professor, School of Human Development and Health, Faculty of Medicine, University of Southampton, Southampton, United Kingdom*

**Jennifer E Jardine, Dr**

*Medical Statistician and Researcher, Department of Health Services Research, Faculty of Public Health and Policy, London School of Hygiene & Tropical Medicine, London, United Kingdom*

**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, President of the Committee for Perinatal Care, Central Health Council, Athens, Greece*

**Francesco Marchetti**

*Senior Research Scientist, Health Institution, Ottawa, Canada*

**Neena Modi, FMedSci**

*Professor of Neonatal Medicine, Imperial College London and Chelsea and Westminster NHS Foundation Trust, London, United Kingdom*

**Vana Papaevangelou, MD, PhD**

*Professor of Pediatric Infectious Diseases, Chair of the Third Department of Pediatrics, National and Kapodistrian University of Athens, Athens, Greece*

**Grazyna Ewa Ptak**

*Professor, Head of Developmental Biology Group (MCB) Jagiellonian University in Kraków, Kraków, Poland*

**Umberto Simeoni, MD, PhD**

*Former Professor University of Lausanne and Director of Pediatrics, Lausanne University Hospital, Lausanne, Switzerland*

**Tomas Sobotka, Dr**

*Senior researcher, Vienna Institute of Demography / Wittgenstein Centre, Vienna, Austria*

**Michael Weindling, MD, PhD**

*Professor (Em) of Perinatal Medicine, University of Liverpool, Liverpool, United Kingdom*