



1ST World Congress on

MATERNAL FETAL NEONATAL MEDICINE

from periconception to early infancy

LONDON

Queen Elizabeth II Conference Centre



April 24–26, 2017



UNDER THE AUSPICES OF

European Association of Perinatal Medicine (EAPM)

European Foundation for the Care of Newborn Infants (EFCNI)

European Society for Paediatric Research (ESPR)

European Society for Neonatology (ESN)



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ORGANIZED BY:



ORGANIZING COMMITTEE:

Gian Carlo Di Renzo (chair), Neil Marlow, Kypros Nicolaides,
Umberto Simeoni, Yves Ville, Gerry H.A Visser

SCIENTIFIC COMMITTEE:

Eduardo Bancalari, Eduardo Fonseca, Teung Y Leung, Paolo Manzoni,
Ruben Quintero, Roberto Romero, Ola Didrik Saugstad

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Mikhailov Anton (Russia)
Mol Ben (Australia)
Muglia Louis (Italy)
Nambiar Shilpa (Malaysia)
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Nigro Giovanni (Italy)
Norman Jane (UK)
Palacios de Jaraquemada José (Argentina)
Poets Christian (Germany)
Poon Liona (Hong Kong)
Poston Lucilla (UK)

Purandare C.N. (India)
Quintero Ruben (USA)
Regan Lesley (UK)
Radzinskiy Viktor (Russia)
Rizzo Giuseppe (Italy)
Robson Mike (Ireland)
Sanchez Luna Manuel (Spain)
Savich Renate (USA)
Shennan Andrew (UK)
Sichinava Lali (Russia)
Simpson Joe Leigh (USA)
Smith Gordon (UK)
Smitz Johannes (Belgium)
Spector Tim (UK)
Speer Christian (Germany)
Stark Michael (Germany)
Sukhikh Gennady (Russia)
Sun Bo (China)
Sun Lu Ming (China)
Thanh Le Quang (Vietnam)
Thilaganathan Baskaran (UK)
Van Marter Linda (USA)
Von Dadelszen Peter (UK)
Voto Liliana (Argentina)
Wielgos Mirosław (Poland)
Yang Huixa (China)
Yogev Yariv (UK)
Zimmermann Luc (The Netherlands)



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APRIL 24 | 2017

PRE CONGRESS COURSES

from 9.00 am to 4.30 pm

1 THE FIRST TRIMESTER SCAN

Course Director: Kypros Nicolaides

Speakers: Katia Bilardo, Rabih Chaoui, Liona Poon, Boonsri Chanrachakul, Giuseppe Rizzo, Tamara Feygin, Jon Hyett

2 PRETERM NEONATAL RESUSCITATION

Course Directors: Eduardo Bancalari, Ola Didrik Saugstad

Speakers: Manuel Sanchez Luna, Christian Speer, Linda Van Marter, Silke Mader

3 UPDATE OF DEVELOPMENTAL ORIGIN OF ADULT DISEASE (DOHAD)

Course Directors: Mark Hanson, Umberto Simeoni

Speakers: Louis Muglia, Tim Spector, Moshe Hod, Fabio Facchinetti, Irene Cetin

4 VIRAL INFECTIONS IN THE PRENATAL and NEONATAL PERIOD

Course Directors: Yves Ville, Paolo Manzoni

Speakers: Giovanni Nigro, Mary D'Alton, Miroslaw Wielgos, Carlo Dani, NG Pak Cheung

5 SAFE MOTHERHOOD AND NEWBORN HEALTH

Course director: Gerry H.A. Visser

Speakers: Andrew Shennan, Diogo Ayres de Campos, Peter Von Dadelszen, Gustaf Dekker, Dan Farine, C.N. Purandare, Lu Ming Sun, Enrico Ferrazzi

OPENING & WELCOME RECEPTION

6.00 pm **OPENING REMARKS**

KEY NOTE ADDRESSES:

Donatelle Lippi

Tim Spector

Linda Giudice

7.30 pm - 9.00 pm **OPENING RECEPTION**



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APRIL 25 | 2017

8.00am - 9.00am **ORAL ABSTRACT PRESENTATIONS**

9.00am - 11.00am **PLENARY SESSION 1 - PERICONCEPTIONAL MEDICINE**

Chairpersons:

OPENING LECTURE: *Khalid Khan*

Participants: Eytan Barnea, Steegers Theunissen, Gordon Smith, Philip Bennett, Baskaran Thilaganathan

11.00am **Coffee break and poster viewing**

11.30am - 1.00 pm **PLENARY SESSION 2 - ENVIRONMENTAL TOXIC CHEMICALS AND REPRODUCTION**

Chairpersons:

OPENING LECTURE: *Linda Giudice*

Participants: Maria Dolores Gomez Roig, Tadashi Kimura, Ola Didrik Saugstad, Johannes Smitz

1.00pm - 2.30pm **Poster Viewing**

Luncheon sponsored sessions

2.30am - 4.30pm **PARALLEL SESSIONS**

Parallel session 1: HEALTH ECONOMICS IN MATERNAL-FETAL AND NEONATAL MEDICINE

Chairpersons:

Participants: Miroslaw Wielgos, Gabriella Conti, Le Quang Than, Jan Stener Jorgensen

Parallel session 2: THE BRAIN OF THE FETUS AND THE NEWBORN: THE NEUROPROTECTION

Chairpersons:

Participants: Henrik Hagberg, Shilpa Nambiar, Neil Marlow, Lucilla Poston, Luc Zimmermann

Parallel session 3: THE TWIN CHALLENGES

Chairpersons:

Participants: Renè Frydman, Kurt Hecher, Ruben Quintero, Tim Spector, Jane Norman

4.30pm - 5.00pm **Tea break and poster viewing**

5.00pm - 6.30pm **PARALLEL SESSIONS**

Parallel session 4: INDUCTION OF LABOR

Chairpersons:

Participants: T.Y. Leung, Boonsri Chanrachakul, Christoph Lees, Mike Robson

Parallel session 5: RESPIRATORY DISTRESS SYNDROME AND BRONCHOPULMONARY DYSPLASIA

Chairpersons:

Participants: Christian Poets, Neil Marlow, Ola Didrik Saugstad, Eduardo Bancalari, David Sweet

Parallel sessions 6: RANDOMIZED CONTROLLED TRIALS IN PREGNANCY ASSESSING NEONATAL AND INFANT OUTCOME

Chairpersons:

Participants: Zarko Alfirovic, Ben Mol, Bo Jacobsson, Bo Sun

6.30pm **HAPPY HOUR LECTURE** *Speaker: Dan Farine*

8.30pm **SOCIAL DINNER**



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APRIL 26 | 2017

- 8.00am - 9.00am **ORAL ABSTRACT PRESENTATIONS**
- 9.00am - 11.00am **PLENARY SESSION 3 - THE OMICS**
Chairpersons:
OPENING LECTURE: Roberto Romero
Participants: Louis Muglia, Vassilios Fanos
- 11.00am **Coffee break and poster viewing**
- 11.30am - 1.00 pm **PLENARY SESSION 4 - FETAL AND NEONATAL GROWTH RESTRICTION**
Chairpersons:
OPENING LECTURE: Eduard Gratacos
Participants: Gerry H.A. Visser, Liu Jing
- 1.00pm - 2.30pm **Poster viewing**
Luncheon sponsored sessions
- 2.30am - 4.30pm **PARALLEL SESSIONS**
- Parallel session 7: NON COMMUNICABLE DISEASES AND IMPACT ON MATERNAL INFANT HEALTH**
Chairpersons:
Participants: Hema Divakar, Mark Hanson, Moshe Hod, Huixia Yang, Umberto Simeoni
- Parallel session 8: CESAREAN DELIVERY: NEONATAL-INFANT OUTCOMES**
Chairpersons: Aris Antsaklis, C.N. Purandare
Participants: Michael Stark, Mike Robson, Corinne Hubinont, Josè Palacios de Jaraquemada, Viktor Radzinskiy
- Parallel session 9: GENETICS AND MALFORMATIONS**
Chairpersons:
Participants: Mary D'Alton, Mark Evans, Kypros Nicolaidis, Yves Ville, Hanns Helmer, Tamara Feygin
- Parallel session 10: RUSSIAN SESSION**
Chairpersons: Alexander Konoplyannikov, Gennady Sukhikh
Participants: Mark Kurtser, Anton Mikhailov, Lali Sichinava
- 4.30pm - 5.00pm **Tea break and poster viewing**
- 5.00pm - 6.30pm **PARALLEL SESSIONS**
- Parallel session 11: THE PRETERM BIRTH AND NEWBORN**
Chairpersons:
Participants: Eduardo Fonseca, Sonia Hassan, Joe Leigh Simpson, Renate Savich, Christian Speer
- Parallel session 12: INDIVIDUALISED MEDICINE**
Chairpersons:
Participants: NG Pak Cheung, Gianpaolo Donzelli, Vassilios Fanos, Yariv Yogev, Dominique Haumont
- Parallel session 13: INEQUITIES IN CARE**
Chairpersons:
Participants: Chiara Benedetto, Tony Duan, Lesley Regan
- 6.30pm **HAPPY HOUR LECTURE** *Speaker:* Gian Carlo di Renzo
- 6.45pm **CLOSING REMARKS**



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TOPICS

- Randomized controlled trials in pregnancy assessing neonatal and infant outcome
- Periconceptional medicine
- Great obstetrical syndromes
- The preterm birth and newborn
- Health economics in maternal-fetal and neonatal medicine
- The omics
- Individualised medicine
- Fetal and neonatal growth restriction
- The twins challenge
- Assisted reproductive pregnancy and outcomes
- Respiratory distress syndrome and bronchopulmonary dysplasia
- Genetics and malformations
- Non communicable diseases and impact on maternal infant health
- The brain of fetus and the newborn: the neuroprotection
- Environmental toxic chemicals and reproduction
- Induction of labor
- Cesarean delivery: neonatal-infant outcomes
- Inequities in care
- Pregnancy after transplant or cancer
- The first trimester
- Preterm neonatal resuscitation
- Viral infections in prenatal and neonatal period
- Update on developmental origin of adult disease (DOhAD)
- Safe motherhood and newborn health



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GENERAL INFORMATION

DATES AND VENUE

The Scientific Committee invites clinicians and scientists who are interested in sharing their work with the participants of the meeting to submit their work in abstract form. Details available on the meeting website Abstracts accepted for presentation will be displayed **ONLY** in poster format.

Changes in abstracts cannot be made after submission. Please verify that each field in the abstract form has been completed and follow the instructions outlined on the website.

Deadline for abstract submission:

Organizing Secretariat



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