

Under the auspices of the Italia - Olanda (IO) PhD International Research Program, Italian Society of Neonatology


**XII INTERNATIONAL
WORKSHOP
ADVANCES IN PERINATAL
MEDICINE:
MEET THE EXPERT**



CHIETI
June, 12th - 13rd 2023



PURPOSE OF THE WORKSHOP



The purpose of the International Workshop **ADVANCES IN PERINATAL MEDICINE: MEET THE EXPERT (APMME)** of the IO PhD International Research Program is to bring together scientists and clinicians from different communities to discuss a broad range of scientific issues related to the latest advances in the field of fetal and neonatal medicine. Topics of the APMME will include: endocrine disruptors, fetal-neonatal outcomes, experimental perinatal medicine, placental physiopathology, fetal-neonatal medicine, experimental neonatology, clinical obstetrics and clinical neonatology. Recent advances in above mentioned disciplines will be discussed within “experts” providing data from clinical and experimental medicine and basic science. Particular attention will be dedicated to research programs developed by young scientist and clinicians. The meeting will be organized in 4 different scientific sessions including clinical, experimental and basic science, perinatal and pediatric medicine topics. The APMME will also include a round table discussing the validity of research data to be proposed for publication on international peer reviewed journals. For this purpose the APMME invited international experts such as Editors in Chief of top ranking journals of the disciplines object of the meeting and Cochrane international advisor.

**Director
of the
Workshop**

Diego Gazzolo Chieti University, Chieti, Italy
Coordinator, IO PhD International Research Program

**IO PhD
Founders**

Diego Gazzolo (Chieti, Italy)
Luc J Zimmermann (Maastricht, The Netherlands)
Gerard HA Visser (Utrecht, The Netherlands)
Frank van Bel (Utrecht, The Netherlands)
Hans HJ Vles (Maastricht, The Netherlands)
Danilo AW Gavilanes (Maastricht, The Netherlands)

FACULTY

Laura Abella (Barcelona, Spain)
Raul Felipe Abella (Barcelona, Spain)
Valentina Bellissima (S. Donà del Piave, Italy)
Iliana Bersani (Rome, Italy)
Stefania Bianzina (Genoa, Italy)
Alessandro Borghesi (Pavia, Italy)
Ilia Bresesti (Milan, Italy)
Matteo Bruschetti (Lund, Svezia)
Francesco Chiarelli (Chieti, Italy)
Ebe D'Adamo (Chieti, Italy)
Caterina Di Battista (Chieti, Italy)
Gaia Dussi (Trieste, Italy)
Alessandro Graziosi (Chieti, Italy)
Alice Grometto (Pavia, Italy)
Giuseppe Lapergola (Chieti, Italy)
Gabriella Levantini (Chieti, Italy)
David Linden (Maastricht, The Netherlands)
Gianluca Lista (Milan, Italy)
Andrea Manzotti (Milan, Italy)
Benedetta Marinelli (Pescara, Italy)
Luigi Orfeo (Rome, Italy)
Simonetta Picone (Rome, Italy)
Mario Plebani (Padua, Italy)
Francesco Risso (Brescia, Italy)
Giuseppe Rizzo (Rome, Italy)
Vincenzo Salvo (Ragusa, Italy)
Angela Satriano (Milan, Italy)
Annemie Schols (Maastricht, The Netherlands)
Maria Chiara Strozzi (Alessandria, Italy)
Liborio Stuppia (Chieti, Italy)



PROGRAMMA 12 giugno

6.30 p.m. **Opening Cerimony**
address (online) by the organizing chair
Luigi Orfeo - President Italian Society of Neonatology
Liborio Stuppia - Rector of Chieti University
Annemie Schols - Dean of Maastricht University
Francesco Chiarelli - Head of Pediatric Department
of Chieti University

IO PhD Annual Report & IO PhD 2023 call

Presentations held (online) by
Danilo AW Gavilanes - Maastricht
Diego Gazzolo - Chieti
David Linden - School for Mental Health and
Neuroscience - Maastricht
Manon van Engeland - School for Oncology & Developmental
Biology - Maastricht

19.30 Closing Remarks

PROGRAM
June, 13

**Research Projects Labelled at School for Mental Health
and Neuroscience (MHeNS)**

HOT TOPICS in PERINATOLOGY – Part I

Chairman: Francesco Riso (Brescia, Italy),
Vincenzo Salvo (Ragusa, Italy)

- 8.45 a.m. **Iliana Bersani** (Rome, Italy)
Non-invasive Biochemical Monitoring and Perinatal
Asphyxia
- 9.00 a.m. **Laura Abella** (Barcellona, Spain)
Biomarkers Assessment in Maternal Blood of High Risk
Pregnancies and Newborns
- 9.15 a.m. **Gabriella Levantini** (Chieti, Italy)
Biomarkers Assessment in Maternal Blood of Fetal-Neona-
tal Redistribution in High-Risk Pregnancies
- 9.30 a.m. **Angela Satriano** (Milan, Italy)
Open-Heart Surgery and Neuro-Biomarkers Monitoring
- 9.45 a.m. **Benedetta Marinelli** (Pescara, Italy)
Cerebro-splancnic Circulation and Osteopathic Manipula-
tion Treatment
- 10.00 a.m. **Andrea Manzotti** (Milan, Italy)
Osteopatic treatment and brain clinical and biochemical
monitoring
- 10.15 a.m. Discussion

HOT TOPICS IN PERINATOLOGY - Part II

Chairman: Raul Abella (Barcelona, Spain),
Alessandro Borghesi (Pavia, Italy)

- 10.30 a.m. **Ebe D'Adamo** (Chieti, Italy)
Perinatal Biomarkers and Fetal-Neonatal Growth
- 10.45 a.m. **Chiara Strozzi** (Asti, Italy)
High Fidelity Simulation and Neuro-Psychological Tests in
Perinatal Multidisciplinary Team
- 11.00 a.m. **Simonetta Picone** (Rome, Italy)
Lutein: an antioxidant or a neurotrophic factor?
- 11.15 a.m. **Alessandro Graziosi** (Chieti, Italy)
Biochemical Biomarkers and Oxygen Status of CNS
Damage in High-Risk Infants
- 11.30 a.m. **Gaia Dussi** (Trieste, Italy)
Neonatal pain and cortical responses during parents
non-pharmacological analgesic intervention
- 11.45 a.m. **Alice Grometto** (Pavia, Italy)
Cerebro-Splanchnic NIRS Patterns and CNS Development
in High-Risk Infants
- 12.00 p.m. Discussion

HOT TOPICS IN PERINATOLOGY – Part III

Perinatal Research: From the other Side


- 12.15 p.m. **ROUND TABLE: EDITOR IN CHIEF: FRIEND OR FOE?**
Mario Plebani (Padua, Italy) - Editor in Chief of Clinical
Chemistry and Laboratory Medicine
Giuseppe Rizzo (Roma, Italy) - Editor in Chief of The Journal
of Maternal, Fetal and Neonatal Medicine
Matteo Bruschetti (Lund, Sweden) - Director of Cochrane
Sweden
- 1.15 p.m. light lunch



Research Projects Labelled at School for Oncology & Developmental Biology (GROW)

HOT TOPICS IN PERINATOLOGY - Part IV Perinatal Pulmonology and New Advances in Research Projects

Chairman: **Gianluca Lista** (Milan, Italy),
Vincenzo Salvo (Ragusa, Italy)

- 2.30 p.m. **Ilia Bresesti** (Varese, Italy)
Respiratory Monitoring and Optimization of Fetal-Neonatal Transition in High-Risk Infants
- 2.45 p.m. **Caterina Di Battista** (Chieti, Italy)
Lung Oximetry by means of NIRS in High-Risk Infants
- 3.00 p.m. **Valentina Bellissima** (San Donà di Piave, Italy)
Antenatal Antidepressant Drugs and Brain Biochemical Monitoring
- 3.15 p.m. **Giuseppe Lapergola** (Chieti, Italy)
Hemodynamic Biomarkers of Perinatal Hypoxia in Congenital and non-Congenital Heart Diseases Infants
- 3.30 p.m. **Stefania Bianzina** (Genova, Italy)
New insights in neonatal acute respiratory failure - DA patency manipulation: a therapeutic strategy in newborns with severe pulmonary hypertension on VV-ECMO support
- 3.45 p.m. Discussion
- 4.00 p.m. Closing Remarks
- 

GENERAL INFORMATION

Chieti, June, 12th - 13rd 2023

Auditorium del Rettorato, Campus Universitario di Chieti,
Via dei Vestini 31, Chieti - CH

FREE REGISTRATION

REGISTRATION INCLUDES

- Participation in the scientific sessions
- Certificate of participation

CERTIFICATE OF PARTICIPATION

All registered participants are entitled to a certificate of participation.



ORGANIZING SECRETARIAT AND PROVIDER N° 3875

PENTA EVENTI SRL

Piazza Pio XI, 62 - 00165 Roma

Tel. 06 45491195 r.a. - Fax 06 92941807

info@pentaeventi.com - www.pentaeventi.com