

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

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




**CHIETI**  
October, 3<sup>rd</sup>-4<sup>th</sup> 2022



**ADVANCES  
IN PERINATAL  
MEDICINE:  
MEET  
THE EXPERT**

**Purpose of the Workshop 2022:**



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, 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 3 different scientific sessions including clinical, experimental and basic science, perinatal and pediatric medicine topics.

## DIRECTOR OF THE WORKSHOP

**Diego Gazzolo**, Chieti University, Italy

Coordinator, IO PhD International Research Program

## FACULTY

**Laura Abella** (Barcelona, Spain)

**Valentina Bellissima** (S. Donà del Piave, Italy)

**Liana Bersani** (Rome, Italy)

**Ilia Bresesti** (Milan, Italy)

**Sergio Caputi** (Chieti, Italy)

**Gabriele Cont** (Trieste, Italy)

**Ebe D'Adamo** (Chieti, Italy)

**Caterina Di Battista** (Chieti, Italy)

**Gaia Dussi** (Trieste, Italy)

**Adele Fabiano** (Rome, Italy)

**Giorgia Gasparroni** (Chieti, Italy)

**Danilo AW Gavilanes** (Maastricht, The Netherlands)

**Alessandro Graziosi** (Chieti, Italy)

**Alice Grometto** (Pavia, Italy)

**Giuseppe Lapergola** (Chieti, Italy)

**Paola Azzurra La Verde** (Milan, Italy)

**Gabriella Levantini** (Chieti, Italy)

**David Linden** (Maastricht, The Netherlands)

**Elena Maggiora** (Turin, Italy)

**Benedetta Marinelli** (Pescara, Italy)

**Helen Mertens** (Maastricht, The Netherlands)

**Daniele Panichi** (Chieti, Italy)

**Chiara Peila** (Turin, Italy)

**Alice Pirra** (Cuneo, Italy)

**Angela Satriano** (Milan, Italy)

**Maria Chiara Strozzi** (Alessandria, Italy)

**Frank van Bel** (Utrecht, The Netherlands)

**Manon van Engeland** (Maastricht, The Netherlands)

**Valentina Visconti** (Alessandria, Italy)

**Gerard HA Visser** (Utrecht, The Netherlands)

**Hans HJ Vles** (Maastricht, The Netherlands)

**Tim Wolfs** (Maastricht, The Netherlands)

**Luc J Zimmermann** (Maastricht, The Netherlands)



## PROGRAM

### October, 3



- 6.30 p.m. **Opening Cerimony**  
address (online) by the organizing chair
- **Helen Mertens** (CEO Maastricht University Medical Center, The Netherlands),
  - **Sergio Caputi** the Rector Chieti University
- IO PhD Annual Report & IO PhD 2020 call**  
Presentations held (online) by
- **Danilo AW Gavilanes** (Maastricht, The Netherlands),
  - **Diego Gazzolo** (Chieti, Italy),
  - **David Linden** (School for Mental Health and Neuroscience - Maastricht),
  - **Manon van Engeland** (School for Oncology & Developmental Biology - Maastricht)
- 7.30 p.m. Closing Remarks

**PROGRAM**  
**October, 4**

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

**HOT TOPICS In PERINATOLOGY – Part I**  
**Perinatal Brain Development/Damage  
and New Advances in Research Projects**

- 8.30 a.m. **Giorgia Gasparroni** (Chieti, Italy)  
Non-invasive biochemical monitoring  
in Highrisk Infants
- 8.45 a.m. **Iliana Bersani** (Rome, Italy)  
Non-invasive Biochemical Monitoring  
and Perinatal Asphyxia
- 9.00 a.m. **Laura Abella** (Barcelona, Spain)  
Biomarkers Assessment in Maternal Blood  
of High Risk Pregnancies and Newborns
- 9.15 a.m. **Valentina Bellissima** (San Donà del Piave, Italy)  
Antenatal Antidepressant Drugs  
and Brain Biochemical Monitoring
- 9.30 a.m. **Angela Satriano** (Milan, Italy)  
Open-Heart Surgery and Neuro-Biomarkers  
Monitoring
- 9.45 a.m. **Benedetta Marinelli** (Pescara, Italy)  
Cerebro-splanchnic Circulation and Osteopathic  
Manipulation Treatment
- 10.00 a.m. **Alice Grometto** (Pavia, Italy)  
Cerebro-Splanchnic NIRS Patterns  
and CNS Development in High-Risk Infants
- 10.15 a.m. Discussion

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- 10.45 a.m. **Ebe D'Adamo** (Chieti, Italy)  
Perinatal Biomarkers and Fetal-Neonatal Growth
- 11.00 a.m. **Chiara Strozzi** (Asti, Italy)  
High Fidelity Simulation and NeuroPsychological Tests  
in Perinatal Multidisciplinary Team
- 11.15 a.m. **Valentina Visconti** (Alessandria, Italy)  
Gentle Touch Manipulation and NIRS Cerebro-splancnic  
Patterns
- 11.30 a.m. **Gabriele Cont** (Trieste, Italy)  
Neonatal Pian and Cortical Activity Monitoring  
by means of NIRS
- 11.45 a.m. **Alice Pirra** (Cuneo, Italy)  
Presepsin Levels in non-invasive Biological Fluids:  
a New Perinatal Sepsis Biomarker
- 12.00 p.m. **Alessandro Graziosi** (Chieti, Italy)  
Biochemical Biomarkers and Oxygen Status of CNS  
Damage in High-Risk Infants
- 12.15 p.m. **Gaia Dussi** (Trieste, Italy)  
Maternal Milk Composition and Catch-up Grow
- 12.30 p.m. Discussion
- 1.00 p.m. Light lunch
- 2.00 p.m. **SPECIAL LECTURE**  
**Luc JH Zimmermann** (Maastricht, The Netherlands)  
Neonatal Pulmunology and SRV. An Update
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## Research Projects Labelled at School for Oncology & Developmental Biology (GROW)

### HOT TOPICS In PERINATOLOGY – Part II Perinatal Pulmunology and New Advances in Research Projects

- 2.30 p.m. **Adele Fabiano** (Rome, Italy)  
Biomarkers of BPD in human and experimental model
  - 2.45 p.m. **Paola Azzurra La Verde** (Milan, Italy)  
Biochemical Markers and Respiratory Strategies  
in Delivery Room.
  - 3.00 p.m. **Elena Maggiora** (Turin Italy)  
Lung Recruitment and Ultrasound Monitoring
  - 3.15 p.m. **Daniele Panichi** (Chieti, Italy)  
Clinical and Experimental Model of Lung Function  
and Monitoring
  - 3.30 p.m. **Ilia Bresesti** (Varese, Italy)  
Respiratory Monitoring and Optimization  
of Fetal-Neonatal Transition in High-Risk Infants
  - 3.45 p.m. **Caterina Di Battista** (Chieti, Italy)  
Lung Oximetry by means of NIRS in High-Risk Infants
  - 4.00 p.m. **Gabriella Levantini** (Chieti, Italy)  
Biomarkers Assessment in Maternal Blood  
of Fetal-Neonatal redistribution in High-Risk Pregnancies
  - 4.15 p.m. **Giuseppe Lapergola** (Chieti, Italy)  
Hemodynamic Biomarkers of Perinatal Hypoxia  
in Congenital and non-Congenital Heart Diseases Infants
  - 4.30 p.m. Discussion
  - 5.00 p.m. Closing Remarks
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## GENERAL INFORMATION

### CHIETI

October, 3<sup>rd</sup>-4<sup>th</sup> 2022

### REGISTRATION

To participate, you must register in the reserved area **formazione.pentaeventi.com** and log in.

Access to the portal will allow the course to be held upon payment of the registration fee.


### REGISTRATION FEES

- € 50,00 + 22% VAT = € 61,00 for Physicians
- € 25,00 + 22% VAT = € 30,50 for Nurses and Trainees

### REGISTRATION INCLUDES

- Participation in the scientific sessions
- Certificate of participation
- CME certificate for eligible participants

### TERMS OF PAYMENT

- Online on the event page (formazione.pentaeventi.com) through credit card or bank transfer
  - For payment with bank transfer please send a copy to **info@pentaeventi.com**
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## **CME INFORMATION (only for Italian participants)**

- **PROVIDER: Penta Eventi srl**
- **EVENT NUMBER:**
- **CME CREDITS:**
- **TRAINING OBJECTIVE:**

### **ACCREDITED CATEGORIES**

- **Physicians**
- **Nurses**
- **Pediatric nurse**

### **ACCREDITED DISCIPLINES FOR PHYSICIANS**

- **Pediatrics**
- **Neonatology**

### **CME CERTIFICATE**

CME credits shall be issued subject to:

- Participation in the training event (at least 90% of the scheduled hours)
- Completion of the questionnaire regarding Perceived Quality
- Successful learning test (at least 75% correct answers)

The learner can take the CME test within 72 hours after the end of the event; he/she will have only five attempts to pass the test.

Please note that the maximum limit of training credits attributed to the three-year reference period that can be acquired through direct recruitment is 1/3.

### **CERTIFICATE OF PARTICIPATION**

All registered participants are entitled to a certificate of participation.



**ORGANIZING SECRETARIAT AND PROVIDER N° 3875**

**PENTA EVENTI SRL**

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