

32nd



EUROPEAN WORKSHOP

ON NEONATOLOGY

Heraklion, Crete, Greece

2-4 October 2025
Hotel Galaxy

www.ewon-2025crete.org



Preliminary Programme

Welcome to Heraklion!

Dear colleagues,

It is a great pleasure to welcome you to the 32nd European Workshop on Neonatology (EWoN), taking place from 2–4 October 2025 in the historic city of Heraklion, Crete.

For more than 30 years, EWoN has provided a unique platform for the exchange of scientific ideas and expertise in a collegial and stimulating atmosphere across Europe and neighbouring countries. This year's workshop continues this tradition, bringing together distinguished speakers and participants to foster dialogue and collaboration across virtually all areas of neonatology.

We are confident that the scientific programme will inspire productive discussions, strengthen professional networks, and contribute to advancing knowledge and practice in our field.

Crete, with its breathtaking landscapes and rich Minoan heritage, provides an exceptional backdrop for the workshop. Heraklion, the island's capital, offers both the opportunity to engage in rigorous scientific exchange and to experience the culture and hospitality of this remarkable region.

We wish you a rewarding and memorable meeting.

Workshop Chairs

Eleftheria Hatzidaki

Associate Professor of Pediatrics - Neonatology
Head of the Department of Neonatology & NICU,
University General Hospital of Heraklion,
School of Medicine,
Heraklion, Crete, Greece

Gabriel Dimitriou

Professor in Paediatrics and Neonatology,
Chairman of the Department of Paediatrics, NICU & PICU,
University of Patras Medical School,
Patras, Greece.



Past Meetings & Chairs

Year	Chair(s)	Location	Country
2024	Egbert Herting	Lübeck	Germany
2023	Mehmet Vural	Antalya	Turkey
2022	Katrin Klebermass-Schrehof	Vienna	Austria
2021	Sven Wellmann	Regensburg	Germany
2019	Irwin Reiss and Karel Allegaert	Rotterdam	Netherlands
2018	Esin Koç	Cappadocië	Turkey
2017	Helmut Küster	Westerburg Castle	Germany
2016	Gabriel Dimitriou	Santorini	Greece
2015	Vineta Fellman	Örenas Castle	Sweden
2014	Giuseppe Buonocore	Certosa di Pontignano	Italy
2013	Neena Modi	Windsor	UK
2012	Heili Varendi	Tallinn	Estonia
2011	Fernando Cabañas	Segovia	Spain
2010	Peter Bartmann	Bonn	Germany
2009	Hercilia Guimarães	Vila do Conde	Portugal
2008	Karel Allegaert	Leuven	Belgium
2007	Guy Moriette	Dinard	France
2006	Dag Bratlid	Trondheim	Norway
2005	Roland Hentschel	Freiburg	Germany
2003	Heracles Dellagrammaticas	Crete	Greece
2002	Joao Amaral	Sintra	Portugal
2001	Ignacio Villa Elizaga	Toledo	Spain
2000	Jean Louis Demarquez	Arcachon	France
1999	Gerhard Jorch	Magdeburg	Germany
1996	Joseph Haddad	Broummana	Lebanon
1995	O. Popov	Moscow	Russia
1994	L. Cataldi	San Martino al Cimino, Viterbo	Italy
1993	Janis Sofatzis	Corfu	Greece
1992	Ignacio Villa Elizaga	Pamplona	Spain
1991	Jean Messer	Klingenthal	France
1990	Helmut Wolf	Rauischholzhausen	Germany



Programme

EWoN 2025, 2 – 4 October, Heraklion

Wednesday

Welcome to Heraklion!

Welcome Dinner at a Mediterranean Restaurant

20:00 – Meeting at the hotel lobby: Walk to Restaurant *Spora*

Thursday

Thursday 2 October 2025 – Session 1 – Perinatal Physiology & Endocrinology

09:00–09:15	Eleftheria Hatzidaki Gabriel Dimitriou	Welcome to EWoN 2025
Chairs: Nicoletta Iacovidou, Helmut Küster		
09:15–09:30	Karel Allegaert	Aminoglycoside target concentrations in neonates: peak, trough, or area under the curve?
09:30–09:45	Eleftheria Hatzidaki	Breastmilk melatonin and neurodevelopmental outcomes in preterm infants at nine months' corrected age. Evidence from adjusted regression models in the ProMote Study
09:45–10:00	Serafina Perrone	Newborn bone health assessment using REMS: Initial validation of a novel approach
10:00–10:15	Mehmet Vural	Iodine status of Turkish pregnant women and their offspring: A national cross-sectional survey
10:15–10:30	Lyudmyla Zakharchenko	Delayed cord clamping for preterm deliveries <32 GA using 'LifeStart' trolley
10:30–10:45	Virginia Beretta	Neonatal autonomic and adrenocorticotrophic features in newborns of mothers with gestational diabetes
10:45–11:00	Coffee break	



Thursday 2 October 2025 – Session 2 – Brain, Pain & Organ Injury

Chairs: Jacob Aranda, Vineta Fellman		
11:00–11:15	Frances Callaghan	Relationship between arginine/ADMA ratio and mortality in postoperative neonates
11:15–11:30	Antonia Charitou	Cardiac dysfunction in neonates of diabetic mothers due to marked hypertrophy of their right ventricle
11:30–11:45	André Graça	Neuroprotection and repair in perinatal brain injury
11:45–12:00	Verena Lehnerer	Early life serum NfL and GFAP as brain damage biomarker in perinatal asphyxia
12:00–12:15	Nicoletta Iacovidou	The effect of neonatal asphyxia on the ovarian histology of newborn piglets: an experimental study
12:15–12:30	Britt Nakstad	Extreme heat Impacts on neonatal health and wellbeing
12.30–12.45	Breda Hayes	The placenta in HIE

12:45–13:45 **Lunch break**

Thursday 2 October 2025 – Session 3 – Outcomes & Follow-Up

Chairs: Serafina Perrone, Sven Wellmann		
13:45–14:00	Ursula Kiechl-Kohlendorfer	Transition to home: improving outcomes of very preterm infants and families – a systematic review
14:00–14:15	Stanislava Hitrova-Nikolova	Neonatal outcome in newborns of mothers with diabetes mellitus
14:15–14:30	Cornelia Wiechers	Premature infants with bronchopulmonary dysplasia: neurocognitive development at age 2 years and body composition at primary school age

Visit to Archaeological Site of Knossos & Dinner

15:45 – Meeting at the hotel lobby, guided tour of the **Archaeological Site of Knossos Palace**, the most famous Minoan palace, and one of Europe's most significant Bronze Age sites

19:00 – Dinner at Restaurant *En Plo*



Friday

Friday 3 October 2025 – Session 4 – Respiratory Care & Lung Development

Chairs: Egbert Herting, Kosmas Sarafidis		
09:00–09:15	Jacob Aranda	Caffeine and/or Ibuprofen effects on biomarkers of alveolarization and microvascular maturation in neonatal rat lung
09:15–09:30	Egbert Herting	Lung function following premature birth until the age of 12 years
09:30–09:45	Matteo Bruschetti	The JACK Study: Justified Administration of Caffeine for Preterm Kids
09:45–10:00	Theodoros Dassios	Prone positioning and respiratory function in ventilated newborn infants
10:00–10:15	Nelly Jekova	Outcome of newborns with non-immune fetal hydrops - clinical challenges
10:15–10:30	Lars Mense	Surfactant administration during endotracheal CPAP – in between INSURE and LISA?

10:30–10:45 **Coffee break**

Friday 3 October 2025 – Session 5 – Respiratory Interventions & Monitoring

Chairs: Gabriel Dimitriou, Esin Koç		
10:45–11:00	Kosmas Sarafidis	A case–control study of gastric fluid metabolomics to predict the need for surfactant therapy in very preterm infants
11:00–11:15	Michel Holger	Pulse wave transit time measurement in neonates for estimation of cardiac output changes and non-invasive haemodynamic monitoring
11:15–11:30	Tomasz Szczapa	Application of NIRS monitoring in the neonate - what do we know in 2025?
11:30–11:45	Martin Wald	Recruitment manoeuvre on CPAP, is this new and is it actually possible
11:45–12:00	Colin Morgan	Evaluating complex clinical interventions: using bioelectrical impedance to support fluid management in sick term and preterm infants
12:00–12:15	Sally Ogden	Using simulation to influence design of a new departmental major haemorrhage policy

12:15–13:30 **Lunch break**



Friday 3 October 2025 – Session 6 – Infection, Sepsis & Immunity

Chairs: David Corcoran, Heili Varendi		
13:30–13:45	Christos Tsakalidis	Early markers of neonatal sepsis
13:45–14:00	Madalena Tuna	Newborn screening for congenital CMV – A new approach
14:00–14:15	Gabriel Dimitriou	From the brink of collapse to survival: A critically ill neonate with overwhelming multisystem dysregulation – unravelling the unknown
14:15–14:30	Olga Romantsik	Devices to improve success of peripheral vascular catheterization in newborn infants – a systematic review and meta-analysis

Archaeological Museum of Heraklion & Dinner

17:30 – Departure from the lobby of the Galaxy Hotel. The museum is within walking distance of the conference hotel

18:00 – Meeting at the Museum entrance. Guided tour of the **Archaeological Museum of Heraklion**, one of Greece's most important museums, housing artefacts from the Minoan civilisation

19:30 – A gentle stroll in the city centre

20:00 – Dinner at Restaurant *Pemptos Ntore*



Saturday

Saturday 4 October 2025 – Session 7 – Screening, Nutrition & Preventive Care

Chairs: Eleftheria Hatzidaki, Mehmet Vural		
09:00–09:15	David Corcoran	Reliability of point of care capillary bilirubin measurement for neonatal hyperbilirubinemia risk stratification
09:15–09:30	Esin Koç	ROP in Larger and More Mature Preterm Infants: Incidence, risk factors and outcome
09:30–09:45	Livia Ognean	Vitamin D status at birth in very preterm infants in Romania
09:45–10:00	Zeynep Alp Ünkar	Early Prediction of ROP in Preterm Infants: Diagnostic Utility of 6PTC as a Biomarker of Oxidative Stress
10:00–10:15	Heili Varendi	Enteral feeding of very preterm infants – results from the national registry of preterm infants in Estonia

10:15–10:45 **Coffee break**

Saturday 4 October 2025 – Session 8 – Environment, Ethics & Emerging Concepts

Chairs: Karel Allegaert, Ursula Kiechl-Kohlendorfer		
10:45–11:00	Vineta Fellman	Neonatal auditory event-related potentials do not predict long-term outcome in very preterm infants
11:00–11:15	Thalia Papadouri	Provision of health care services in the neonatal intensive care unit – Archbishop Makarios III Hospital, Nicosia, Cyprus
11:15–11:30	Sven Wellmann	Erythropoiesis-stimulating agents in very preterm infants for improved neurodevelopmental outcome, state-of-the-art of latest clinical research
11:30–11:45	Helmut Küster	Comparison of outcome using three different SOPs to treat Neonatal Abstinence Syndrome
11:45–12:00	Eleftheria Hatzidaki Gabriel Dimitriou	Closing Remarks/Farewell



Participants

Allegaert, Karel	Professor of Paediatrics, Neonatology and Clinical Pharmacology, Belgium
Aranda, Jacob	Professor of Paediatrics and Ophthalmology, Director of Neonatology, New York, USA
Beretta, Virginia	Doctoral Researcher, Neonatology Unit, University Hospital of Parma, Italy
Bruschettini, Matteo	Consultant in Neonatology, Lund University, Sweden
Callaghan, Frances	Consultant in Neonatology, UK
Charitou, Antonia	Consultant Neonatologist, Rea Hospital, Athens, Greece
Corcoran, David	Consultant Neonatologist, Edinburgh, UK
Cuttini, Marina	Consultant Neonatologist, Maternal & Child Health, Rome, Italy
Dassios, Theodoros	Neonatologist and Honorary Professor of Neonatology, Greece
Dimitriou, Gabriel	Professor of Paediatrics and Neonatology, Department of Paediatrics, NICU & PICU, University of Patras Medical School, Patras, Greece.
Fellman, Vineta	Professor Emerita of Paediatrics and Neonatology, Department of Clinical Sciences, Lund University, Sweden
Graça, André	Associate Professor of Paediatrics, Faculty of Medicine, University of Lisbon, Portugal
Hatzidaki, Eleftheria	Associate Professor of Pediatrics, Department of Neonatology & NICU, University General Hospital of Heraklion, Crete, Greece
Hayes, Breda	Consultant in Neonatology, Dublin, Ireland
Herting, Egbert	Professor of Paediatrics and Director, University Children's Hospital, Lübeck, Germany
Hitrova-Nikolova, Stanislava	Consultant in Neonatology, Maichin Dom University Hospital of Obstetrics and Gynaecology, Sofia, Bulgaria
Holger, Michel	Consultant in Neonatology, Krankenhaus Barmherzige Brüder, Regensburg, Germany
Iacovidou, Nicoletta	Professor of Neonatal Intensive Care, Paediatrics and Neonatology, National and Kapodistrian University of Athens, Greece
Jekova, Nelly	Associate Professor in Neonatology, Medical University of Sofia, Bulgaria
Kiechl-Kohlendorfer, Ursula	Professor of Neonatology, Innsbruck Medical University, Austria
Koç, Esin	Professor of Paediatrics and Neonatology, Gazi University, Ankara, Turkey
Küster, Helmut	Consultant in Neonatology, University Clinic, Göttingen, Germany
Lehnerer, Verena	Consultant in Neonatology, Klinik und Poliklinik für Kinder- und Jugendmedizin, Regensburg, Germany



Mense, Lars	Neonatologist, University Hospital Carl Gustav Carus, Dresden, Germany
Morgan, Colin	Consultant Neonatologist, Liverpool Women's Hospital, UK
Nakstad, Britt	Professor of Paediatrics and Neonatology, Department of Paediatrics and Adolescent Health, University of Botswana; Oslo, Norway
Ogden, Sally	Consultant in Neonatology, Neonatal Unit, Whiston Hospital, Liverpool, UK
Ognean, Livia	Professor of Neonatology, Emergency Clinical County Hospital, Sibiu, Romania
Papadouri, Thalia	Director of Paediatrics, NICU, Archbishop Makarios III Hospital, Nicosia, Cyprus
Perrone, Serafina	Professor of Paediatrics and Director of Neonatology, University Hospital of Parma, Italy
Romantsik, Olga	Consultant in Neonatal Intensive Care, Institute for Clinical Sciences, Lund University, Sweden
Sarafidis, Kosmas	Professor of Paediatrics and Neonatology, Aristotle University of Thessaloniki, School of Medicine, Greece
Szczapa, Tomasz	Professor of Neonatology, Warsaw University of Medical Sciences, Poland
Tsakalidis, Christos	Professor of Paediatrics and Neonatology, Aristotle University of Thessaloniki, School of Medicine, Greece
Tuna, Madalena	Paediatrician and Neonatologist, Director of Paediatrics, Centro Hospitalar de Lisboa, Portugal
Ünkar, Zeynep	Assistant Professor of Paediatrics and Neonatology, Istanbul University, Turkey
Varendi, Heili	Associate Professor of Paediatrics, Tartu University Hospital, Estonia
Vural, Mehmet	Professor of Paediatrics and Neonatology, Head of Neonatology Department, Istanbul University-Cerrahpaşa, Turkey; Treasurer – European Paediatric Association (EPA/UNEPSA)
Wald, Martin	Associate Professor of Paediatrics, University Clinic, Salzburg, Austria
Wellmann, Sven	Professor of Neonatology, Head of Department, University Children's Hospital, Regensburg, Germany
Wiechers, Cornelia	Consultant in Neonatology, University Hospital Tübingen, Germany
Zakharchenko, Lyudmyla	Consultant Neonatologist, Rotunda Hospital, Dublin, Ireland



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