



SIN
SOCIETÀ ITALIANA DI
NEONATOLOGIA



Union Mediterranean
Neonatal Societies



Union European
Neonatal
Perinatal Societies

Advanced Programme

10th International Workshop on Neonatology

October 21st-25th, 2014

T Hotel, Cagliari, Italy

The last ten years, the next ten years in Neonatology

**With 6
satellite
meetings**



Fresco in the NICU, Neonatal Pathology, Puericulture Institute and Neonatal Section, AOU of Cagliari

Nativity by Pier Giorgio Melis (detail)



University of Cagliari
Azienda Mista di Cagliari
Terapia Intensiva Neonatale,
Patologia Neonatale,
Puericultura e Nido



Comune
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cagliari sardagna
capitale europea della cultura
città candidata 2019



REGIONE AUTONOMA DE SARDIGNA
REGIONE AUTONOMA DELLA SARDEGNA



AOU Cagliari

*Requested
Under the High Patronage of the President of the Italian Republic*

10th International Workshop on Neonatology

October 21st-25th, 2014
T Hotel, Cagliari, Italy

The last ten years, the next ten years in Neonatology

Satellite Meetings

NEW

INTERNATIONAL COURSE ON PERINATAL PATHOLOGY

The role of the clinical
pathological dialogue
in problem solving

4th INTERNATIONAL
CONFERENCE
ON NEONATAL
AND PEDIATRIC
LABORATORY
MEDICINE

NEW FRONTIERS IN
PREVENTIVE AND
SOCIAL PEDIATRICS
INCLUDING
2nd SIPPS MEETING
(SOCIETÀ ITALIANA
DI PEDIATRIA
PREVENTIVA E
SOCIALE)

3rd INTERNATIONAL
CONFERENCE ON
NEW TRENDS IN
NEONATOLOGY

IX CONVEGNO NEONATOLOGICO
INFERMIERISTICO
“TERRA DI SARDEGNA”

CORSO PER MEDICI E INFERMIERI A
NUMERO CHIUSO
Il dolore e la sua gestione nel neonato

Under submission

The High Patronage of the President of the Italian Republic

Neonatal Intensive Care Unit, Neonatal Pathology
Puericulture Institute and Neonatal Section
Azienda Mista of Cagliari

on behalf of

Union of European Neonatal and Perinatal Societies (UENPS)
Union of Mediterranean Neonatal Societies (UMENS)
International Federation of Clinical Chemistry and Laboratory Medicine (IFCC)
Società Italiana di Neonatologia (SIN)
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Società Italiana di Pediatria Ospedaliera (SIPO)
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GdS Medicina di Laboratorio in età fetale, neonatale e pediatrica della SIBioC
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LOCAL ORGANIZING SECRETARIAT:

Department of Surgery, Neonatal Intensive Care Unit, Puericulture Institute and Neonatal Section, University of Cagliari, Italy
 Reference person: Patrizia Baire
 Ph. +390706753107
 e-mail: baire@unica.it

ORGANIZING SECRETARIAT:

BIOMEDIA srl
 Via L. Temolo 4, 20126 Milan, Italy
 Ph. +390245498282
 Fax: +390245498199
 e-mail: convegni@biomedia.net
 www.biomedia.net
 Reference person: Monica Arosio
 Ph. +390245498282 int. 228
 Fax: +390245498199
 e-mail: monica.ariosio@biomedia.net

Dear Colleagues,

We are pleased to invite you to the **10th International Workshop on Neonatology** to be held in Cagliari, Italy. This follows the success of the previous editions which saw the overall presence of more than 5000 participants. Workshop 10 is an important milestone and is accompanied by recognition by many national and international scientific societies, by the high patronage of the president of the Italian Republic and participation of UNICEF.

The title of the workshop “The last ten years, the next ten years in Neonatology” underscores this itinerary: a view towards the future of neonatology through debate and the contribution of the Workshop, but above all the trajectory that assistance, research and teaching will follow in the coming ten years. Some of the world’s most renowned specialists from forty different nations have been present in Cagliari in these years. They have created a network of scientific and human relations that have changed, improved and enriched us all. This year as well the proceedings of the Workshop will be published partly in “Clinica Chimica Acta”, and partly in the “Journal of Pediatric and Neonatal Individualized Medicine (JPNIM)”. In past years the journals were “Medical and Surgical Pediatrics”, “Journal of Chemotherapy”, “Journal of Maternal Fetal Neonatal Medicine” and JPNIM. Over the years, the Workshop has made its impression on science and has promoted a lively discussion in an always serene and extremely constructive atmosphere. This year’s meeting, organized with the patronage of the Società Italiana di Neonatologia, the Società Italiana di Pediatria, the European Neonatal and Perinatal Societies, the Union of Mediterranean Neonatal Societies and lastly by the International Federation of Clinical Chemistry (IFCC) and Laboratory Medicine. The meeting is dedicated to neonatologists, pediatricians, obstetricians, perinatologists, laboratory researchers, pediatric cardiologists and all those who work with the newborn. Besides the traditional appointment of the International Workshop, there will be six satellite meetings: a course on neonatal pain management; the ninth edition of the Terra di Sardegna Meeting on Neonatological Nursing” with the participation of nurses from eleven neonatal intensive care units; the first meeting titled “New Frontiers in Preventive and Social Pediatrics” that focuses attention on the brain and cranial-facial anomalies; the 3rd International Conference in New Trends in Neonatology dealing with neonatal asphyxia and medical humanities; the 4th International Conference on Neonatal and Pediatric Laboratory Medicine where the theme will be how to reduce infantile mortality; finally, the 1st International Course on Perinatal Pathology, where perinatologists and pathologists will come together to address systematically all the important aspects of neonatology.

Great attention will be devoted to young specialists: in the last few years the events have been extended through presentation of some eighty selected posters for each meeting and numerous prizes of 500 euros have been awarded for the best contributions.

We look forward to welcoming you to this traditional appointment to discuss topics of the present and keep us up to date on the latest results, both in research and clinical neonatology.

The Presidents:

Vassilios Fanos, Michele Mussap, Gavino Faa, Peter van Eyken, Apostolos Papageorgiou

Cari Colleghi,

abbiamo il piacere di invitarvi al **10th International Workshop on Neonatology** che si terrà a Cagliari e che fa seguito al successo delle precedenti edizioni, che hanno visto complessivamente la presenza di oltre 5000 partecipanti. Si tratta, quello dei dieci anni, di un traguardo importante che è accompagnato dal riconoscimento di numerose Società Scientifiche Nazionali e Internazionali, dall’Alto Patronato del Presidente della Repubblica Italiana e dalla partecipazione dell’UNICEF.

Il significato del titolo del convegno “The last ten years, the next ten years in Neonatology” vuole rappresentare questo itinerario: uno sguardo rivolto al cammino della neonatologia, anche attraverso il dibattito e il contributo del Workshop, ma soprattutto la traiettoria che l’assistenza, la ricerca e la didattica verosimilmente percorreranno nel prossimo decennio. Alcuni tra i migliori specialisti a livello mondiale provenienti da una quarantina di nazioni sono stati presenti a Cagliari in questi anni e hanno creato una rete di rapporti scientifici e umani che ci ha cambiato, migliorato e arricchito. Anche quest’anno gli Atti del Workshop saranno pubblicati in parte su “Clinica Chimica Acta”, in parte sul “Journal of Pediatric and Neonatal Individualized Medicine” (JPNIM). Negli anni precedenti le riviste sono state “Medical and Surgical Pediatrics”, “Journal of Chemotherapy”, “Journal of Maternal Fetal Neonatal Medicine” e JPNIM. Nel corso degli anni il convegno ha lasciato una traccia scientifica che ha contribuito ad una discussione vivace in un’atmosfera sempre serena ed estremamente costruttiva.

Il meeting di quest’anno organizzato con il patrocinio della Società Italiana di Neonatologia, della Società Italiana di Pediatria, della Union of European Neonatal and Perinatal Societies, della Union of Mediterranean Neonatal Societies e, infine, della International Federation of Clinical Chemistry (IFCC) and Laboratory Medicine. Il convegno è dedicato a Neonatologi, Pediatri, Ostetrici, Perinatologi, Laboratoriisti, Cardiologi Pediatri, e a tutti coloro che si interessano di neonati. Oltre al tradizionale appuntamento del Workshop Internazionale ci sono sei convegni satellite: un corso sulla gestione del dolore neonatale; la nona edizione del Convegno Neonatologico Infermieristico “Terra di Sardegna” con partecipazione di infermieri di 11 Centri di Terapia Intensiva Neonatale; il Primo Convegno “New Frontiers in Preventive and Social Pediatrics” che focalizza l’attenzione sul cervello e sulle anomalie cranio-facciali; il 3rd International Conference in New Trends in Neonatology incentrato sull’asfissia neonatale e sulle Medical Humanities; la 4th International Conference on Neonatal and Pediatric Laboratory Medicine dove si cercheranno soluzioni per ridurre la mortalità infantile; infine 1st International Course on Perinatal Pathology dove Perinatologi e Patologi affronteranno in maniera sistematica e condivisa tutti i grandi temi della Neonatologia.

Grande attenzione è dedicata ai giovani: negli ultimi anni la discussione è stata ampliata dalla presentazione di circa 80 poster selezionati per ogni convegno e sono stati distribuiti numerosi premi da 500 euro ciascuno per i migliori contributi.

Vi aspettiamo a questo tradizionale appuntamento per discutere argomenti di attualità e per aggiornarci sulle novità sia di ricerca, sia cliniche in neonatologia.

I Presidenti:

Vassilios Fanos, Michele Mussap, Gavino Faa, Peter Van Eyken, Apostolos Papageorgiou

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CORSO PER MEDICI E INFERMIERI A NUMERO CHIUSO

Il dolore e la sua gestione nel neonato

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Segreteria scientifica: Nicoletta Mascia (Cagliari)

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- *Gianna Licheri (Cagliari)*
- *Carla Piras (Cagliari)*
- *Tiziana Sarigu (Cagliari)*

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- *Monica Atzeni (Cagliari)*
- *Francesca Birocchi (Cagliari)*
- *Francesca Cioglia (Cagliari)*
- *Sandra Lazzari (Rimini)*
- *Giuliana Palmas (Cagliari)*

Room B

IX CONVEGNO NEONATOLOGICO TERRA DI SARDEGNA

Presidente: Denis Pisano (Cagliari)

- 14:30 **Apertura dei lavori e saluto**
Vassilios Fanos (Cagliari), Denis Pisano (Cagliari)
- 15:00 **Il futuro della neonatologia infermieristica oggi in Italia**
Elena Bezze (Milano)

SESSIONE I

Presidente: Elena Bezze (Milano)

Moderatori: Denis Pisano (Cagliari), Maria Zichi (Sassari)

- 15:30 **Utilizzo delle scale del dolore in neonatologia**
Sandra Lazzari (Rimini)
- Finnegan score: limiti e difficoltà di utilizzo**
Sandra Porcu (Sassari)
- L'ambulatorio nurse led: l'esperienza di Prato**
Chiara Selmi (Prato)
- L'infermiere e gli alti flussi**
Cristina Olmi (Cagliari)

16:50 **Discussione**

17:10 **Pausa**

SESSIONE II

Presidente: Melania Puddu (Cagliari)

Moderatori: Annamaria Battan (Monza), Iolanda Delogu (Cagliari)

- 17:30 **Simulazione ad alta fedeltà ed empowerment delle competenze infermieristiche in TIN**
Remo Galaverna (Cuneo)
- Distress morale in neonatologia**
Roberta Guardione (Torino)
- Nascite a rischio lontano dalla TIN**
Stefania Altea (Carbonia)
- L'esperienza NIDCAP Nella TIN di Modena**
Giovanna Cuomo (Modena)
- 18:50 **Discussione**
- 19:10 **Chiusura lavori**

NEW FRONTIERS IN PREVENTIVE AND SOCIAL PEDIATRICS

INCLUDING 2nd SIPPS MEETING (SOCIETÀ ITALIANA DI PEDIATRIA PREVENTIVA E SOCIALE)

Presidents: Giovanni Ottonello (Cagliari, Italy), Melania Puddu (Cagliari, Italy)
Scientific Secretary: Susanna Floris (Cagliari, Italy), Vincenzo Zurrada (Cagliari, Italy)

08:45 **Opening Ceremony**
Giampietro Chiamenti (Verona, Italy)

SESSION I: BRAIN, PREGNANCY, BIRTH, ENVIRONMENT

President: Anna Maria Paoletti (Cagliari, Italy)
Moderators: Marianne Bengtsson Agostino (Stockholm, Sweden), Maurizio Crisafulli (Cagliari, Italy)

09:00 **The brain: epigenetics and neuromodulators from infancy to adults**
Giovanni Biggio (Cagliari, Italy)
Maltered newborn infants and structural brain development
Kadriye Yurdakok (Ankara, Turkey)
Perinatal programming of brain damage
Gavino Faa (Cagliari, Italy)
Birth in Italy between outcomes, appropriateness and responsibility
Giuseppe Ettore (Catania, Italy)
Maternal fetal attachment in pregnancies at high risk of preterm deliveries
Camilla Pisoni (Pavia, Italy)

11:00 **Discussion**

SESSION II: PREVENTION AND TREATMENT OF CRANIO-FACIAL ABNORMALITIES

President: Anna Maria Nurchi (Cagliari, Italy)
Moderators: Susanna Floris (Cagliari, Italy), Gianfranco Temporin (Treviso, Italy)

11:20 **ROUND TABLE** with participation of:
Giovanni Crisponi (Cagliari, Italy), Sandro Loche (Cagliari, Italy), Giuseppe Masnata (Cagliari, Italy), Stefano Oddini (Cagliari, Italy), Domenico Scopelliti (Rome, Italy)
Discussant: Monica Limoncino (Cagliari, Italy)

3rd INTERNATIONAL CONFERENCE ON NEW TRENDS IN NEONATOLOGY

Presidents: Vassilios Fanos (Cagliari, Italy), Gavino Faa (Cagliari, Italy), Michele Mussap (Genoa, Italy), Georgios Mitsiakos (Thessaloniki, Greece)

SESSION I: ROUND TABLE ON ASPHYXIA, MULTIORGAN FAILURE, END OF LIFE

Chairman: Gabriele Finco (Cagliari, Italy)
Moderators: Maria Cristina Pintus (Cagliari, Italy), Dario Pruna (Cagliari, Italy)

14.30 **Asphyxia from the eyes of the obstetrician**
Gian Benedetto Melis (Cagliari, Italy), Alessandra Meloni (Cagliari, Italy)
Asphyxia from the eyes of the neonatologist
Paolo Gancia (Cuneo, Italy)
Polymorphisms and asphyxia
Ernesto d'Aloja (Cagliari, Italy)
Brain damage in asphyxia
Luca Ramenghi (Genoa, Italy)
Brain death
Georgios Mitsiakos (Thessaloniki, Greece)
Discussant: Antonio Cualbu (Nuoro, Italy)

SESSION II: GRAND ROUNDS IN MEDICAL HUMANITIES AND ORGANIZATION

Chairman: Italo Farnetani (Milan, Italy)
Moderators: Gina Ancora (Rimini, Italy), Massimiliano Zonza (Cagliari, Italy)

16.30 **NIDCAP and developmental care**
Dominique Haumont (Bruxelles, Belgium)
Neonatal ethics in ELBW
Hubert Messner (Bozen, Italy)
Narrative based medicine in perinatology
Gian Paolo Donzelli (Florence, Italy)
Palliative cure
Fabrizio Sandri (Bologna, Italy)
Children with complex diseases
Rino Agostiniani (Pistoia, Italy)
Discussant: Antonio Balata (Olbia, Italy)

10th INTERNATIONAL WORKSHOP ON NEONATOLOGY

The last ten years, the next ten years in Neonatology

Presidents: Vassilios Fanos (Cagliari, Italy), Murat Yurdakok (Ankara, Turkey), Apostolos Papageorgiou (Montreal, Canada)

08:45 **Opening Ceremony**

SESSION I: LECTURES

*Chairman: Claudio Fabris (Turin, Italy)
Moderators: Salvatore Dessole (Sassari, Italy), Dominique Haumont (Bruxelles, Belgium)*

09:00 **Genetics and acronyms**
Giovanni Corsello (Palermo, Italy)

Management and outcome of Extremely Low Birth Weight Infants
Apostolos Papageorgiou (Montreal, Canada)

Etiology and outcome of non-immune hydrops fetalis
Murat Yurdakök (Ankara, Turkey)

Hyperbilirubinemia: the state of the art
Costantino Romagnoli (Rome, Italy)

SESSION II: MISCELLANEA

*Chairman: Fabio Mosca (Milan, Italy)
Moderators: Luigi Cataldi (Rome, Italy), Marco Zaffanello (Verona, Italy)*

11.00 **Melatonin for the newborn**
Ignazio Barberi (Messina, Italy)

Effects of lutein on oxidative stress in the newborn
Giuseppe Buonocore (Siena, Italy)

Treatment of fungal infections: an update
Francesco Raimondi (Naples, Italy)

Management of persistent hypoglycemia
Carlo Dionisi Vici (Rome, Italy)

Discussant: Lino Paladini (Lecce, Italy)

13:00 **Lunch**

13:45 **Poster session I**
Chairpersons: Luigi Cataldi (Rome, Italy), Apostolos Papageorgiou (Montreal, Canada), Gianfranco Temporin (Rovigo, Italy)

SESSION III: NUTRITION AND METABOLISM

*Chairman: Giuseppe Saggese (Pisa, Italy)
Moderators: Enrico Bertino (Turin, Italy), Alessandra Reali (Cagliari, Italy),*

14.30 **Mother's milk: the gold standard**
Riccardo Davanzo (Trieste, Italy)

Human milk banks: lights and shadows
Giacomo Faldella (Bologna, Italy)

The right infant nutrition
Carlo Agostoni (Milan, Italy)

Early prevention of obesity
Claudio Maffeis (Verona, Italy)

The role of microbiome in determining pediatric health
Annamaria Staiano (Naples, Italy)

Discussant: Georgios Mitsiakos (Thessaloniki, Greece),

SESSION IV: MISCELLANEA

*Chairman: Giuseppe Mercurio (Cagliari, Italy)
Moderators: Rocco Agostino (Rome, Italy), Giuseppe Banderali (Milan, Italy)*

17.00 **Off-label drug in the newborn**
Laura Cuzzolin (Verona, Italy)

Surfactant treatment for ARDS in infants
Corrado Moretti (Rome, Italy)

Paroxysmal supraventricular tachycardia : physiopathology and management
Paola Neroni (Cagliari, Italy)

Ibuprofen and paracetamol for PDA
Carlo Dani (Florence, Italy)

Haemodynamics of ductus dependent cardiopathies
Paolo Giliberti (Naples, Italy)

Discussant: Ugo Bottone (Massa Carrara, Italy)

4th INTERNATIONAL CONFERENCE ON NEONATAL AND PEDIATRIC LABORATORY MEDICINE

Presidents: Vassilios Fanos (Cagliari, Italy), Michele Mussap (Genoa, Italy), Maurizio Ferrari (Milan, Italy), Joris R. Delanghe (Ghent, Belgium)

08:45 **Opening Ceremony**

SESSION I: ADDRESSING THE CHALLENGE OF NEONATAL MORTALITY WORLDWIDE: FROM DIAGNOSIS TO PREVENTION

Chairman: Apostolos Papageorgiou (Montreal, Canada)

Moderators: Andrea Dotta (Rome, Italy), Maria Grazia Privitera (Rome, Italy)

09:00 **Report from the UNICEF**
Giacomo Guerrera (Genoa, Italy)

Gestational diabetes: where are we now?
Moshe Hod (Tel Aviv, Israel)

Translational research and biomarkers in neonatology
Joris R. Delanghe (Ghent, Belgium)

Next generation biomarkers as tools for reducing neonatal mortality: from discovery to clinical application
Michele Mussap (Genoa, Italy)

SESSION II: PRENATAL AND PERINATAL LABORATORY MEDICINE

Chairman: Antonello Del Vecchio (Bari, Italy)

Moderators: Ferdinando Coghe (Cagliari, Italy), Ambrogio di Paolo (Rome, Italy)

11:00 **New trends in non invasive prenatal diagnosis**
Maurizio Ferrari (Milan, Italy)

Future perspectives in metabolic disease testing
Carlo Corbetta (Milan, Italy)

Critical values for the Maternal-Fetal Unit
Klaus Kohse (Berlin, Germany)

Prenatal diagnosis for haemoglobinopathies and thalassaemias and the bank of umbilical cord
Cornelis L. Harteveld (Leiden, The Netherlands)

13:00 **Lunch**

13:45 **Poster session II**
Chairpersons: Luigi Cataldi (Rome, Italy), Apostolos Papageorgiou (Montreal, Canada), Gianfranco Temporin (Rovigo, Italy)

SESSION III: PREMATURITY AND LOW BIRTH WEIGHT: HOW TO REDUCE THE RISK OF DEATH

Chairman: Piermichele Paolillo (Rome, Italy)

Moderators: Antonio Noto (Cagliari, Italy), Luciana Pibiri (Cagliari, Italy)

14:30 **Molecular basis of bronchopulmonary dysplasia in preterm infants**
Patrizia Carrera (Milan, Italy)
Treatment of neonatal infections due to multiresistant strains
Mauro Stronati (Pavia, Italy), Chryssoula Tzialla (Pavia, Italy)
Management of bronchiolitis
Umberto Pelosi (Iglesias, Italy)
Renal regenerative medicine
Gavino Faa (Cagliari, Italy)
Unraveling the secrets of brain injury
Henrik Hagberg (Göteborg, Sweden, and London, UK)

SESSION IV: NUTRITION AND HEALTH FROM THE NEWBORN TO THE ADULT – MICROBIOME, PROBIOTICS, METABOLOMICS

Chairman: Giuseppe Castaldo (Naples, Italy)

Moderators: Angelica Dessì (Cagliari, Italy), Franco Messina (Naples, Italy)

17:00 **The role of microbiome in determining neonatal health**
Vito Miniello (Bari, Italy)
Probiotics and gut health
Francesco Savino (Turin, Italy)
The role of microbiome in determining adult health
Francesco Salvatore (Naples, Italy)
NMR metabolomics in neonatal screenings
Manfred Spraul (Rheinstetten, Germany)
Metabolomics for searching the ideal formula milk
Flaminia Cesare Marincola (Cagliari, Italy)
Monitoring effectiveness and safety of nutrition: metabolomics
Serge Rezzi (Lausanne, Switzerland)
Discussants: Luigi Barberini (Cagliari, Italy), Ruggiero Francavilla (Bari, Italy)

19:15 **Awarding 5 Prizes (500 euros for each prize) for the best posters presented: “Prof. Franco Chiappe Prize”, “Prof. Luciano Tatò Prize”, Neonatal and Pediatric Nephrourology Group (Norman Group) Prize (offered by Ordine dei Medici di Caserta), A.I.S.E.R.N.U.I. Prize, ASTELLAS PHARMA Prize. Board Members: Luigi Cataldi (Rome, Italy), Apostolos Papageorgiou (Montreal, Canada), Gianfranco Temporin (Rovigo, Italy)**

INTERNATIONAL COURSE ON PERINATAL PATHOLOGY

The role of the clinical pathological dialogue in problem solving

*Presidents: Gavino Faa (Cagliari, Italy), Vassilios Fanos (Cagliari, Italy),
Generoso Bevilacqua (Pisa, Italy), Peter Van Eyken (Leuven, Belgium)*

08:45	Opening Ceremony
09:00	Asphyxia Roberto Antonucci (San Gavino Monreale, Italy) [Neonatologist] Gavino Faa (Cagliari, Italy) [Pathologist]
09:30	Cerebral ischemia in preterm infants Maria Antonietta Marcialis (Cagliari, Italy) [Neonatologist] Alberto Ravarino (Cagliari, Italy) [Pathologist]
10:00	Multiple organ failure Pier Michele Paolillo (Rome, Italy) [Neonatologist] Clara Gerosa (Cagliari, Italy) [Pathologist]
10:30	Discussion Coffee break
11:00	Cerebral hemorrhage Henrik Hagberg (Göteborg, Sweden, and London, UK) [Fetal Medicine Specialist] Alberto Ravarino (Cagliari, Italy) [Pathologist]
11:30	Necrotizing enterocolitis Melania Puddu (Cagliari, Italy) [Neonatologist] Rossano Ambu (Cagliari, Italy) [Pathologist]
12:00	Sepsis Vassilios Fanos (Cagliari, Italy) [Neonatologist] Gavino Faa (Cagliari, Italy) [Pathologist]
12:30	Discussion Lunch

14:00	Hyaline membrane disease Franco Messina (Naples, Italy) [Neonatologist] Gavino Faa (Cagliari, Italy) [Pathologist]
14:30	Bronchopulmonary dysplasia Antonio Del Vecchio (Bari, Italy) [Neonatologist] Daniela Fanni (Cagliari, Italy) [Pathologist]
15:00	Newborn from mother with breast cancer Anna Maria Paoletti (Cagliari, Italy) [Obstetrician] Giuseppe Floris (Leuven, Belgium) [Pathologist]
15:30	Discussion Coffee break
16:00	Perinatal cardiac failure Pier Paolo Bassareo (Cagliari, Italy) [Cardiologist] Armando Faa (Cagliari, Italy) [Pathologist]
16:30	Nephrotic syndrome of the newborn and infant Vassilios Fanos (Cagliari, Italy) [Neonatologist] Guido Monga (Novara, Italy) [Pathologist]
17:00	Drug-related perinatal damage Laura Cuzzolin (Verona, Italy) [Pharmacologist] Daniela Fanni (Cagliari, Italy) [Pathologist]
17:30	Acute kidney injury Giovanni Ottonello (Cagliari, Italy) [Neonatologist] Gavino Faa (Cagliari, Italy) [Pathologist]
18:00	Biliary duct atresia Peter Van Eyken (Leuven, Belgium) [Pathologist] Luigi Mascia (Cagliari, Italy) [Pediatric surgeon]
18:30	Discussion Concluding remarks Gavino Faa (Cagliari, Italy), Vassilios Fanos (Cagliari, Italy)

**Registration fee/Quota d'iscrizione
Inscription procedures/Modalità d'iscrizione**

**Corso per medici e infermieri
a numero chiuso**

Mercoledì/Wednesday, October 21st, 2014 · *Mattina/Morning*

	<i>IVA esclusa</i>	<i>IVA inclusa</i>
Medici	€ 50,00	€ 61,00
Infermieri	€ 25,00	€ 30,50

La quota comprende la partecipazione ai lavori scientifici.

**IX Convegno Neonatologico
Infermieristico "Terra di Sardegna"**

Mercoledì/Wednesday, October 21st, 2014 · *Pomeriggio/Afternoon*

	<i>IVA esclusa</i>	<i>IVA inclusa</i>
Medici	€ 50,00	€ 61,00
Infermieri	€ 25,00	€ 30,50

La quota comprende la partecipazione ai lavori scientifici.

New Frontiers in Preventive and Social Pediatrics including 2nd SIPP Meeting (Società Italiana di Pediatria Preventiva e Sociale)

Mercoledì/Wednesday, October 22nd, 2014 · *Mattina/Morning*

Early registration (before September 30th, 2014) *Late registration (after September 30th, 2014)*

	<i>VAT Free</i>	<i>VAT Included</i>	<i>VAT Free</i>	<i>VAT Included</i>
Physicians	€ 60,00	€ 73,20	€ 75,00	€ 91,50
Nurses	€ 30,00	€ 36,60	€ 35,00	€ 42,70

The fee covers: participation to all open-session events and educational brochures.

3rd International Conference on New Trends in Neonatology

Mercoledì/Wednesday, October 22nd, 2014 · *Pomeriggio/Afternoon*

Early registration (before September 30th, 2014) *Late registration (after September 30th, 2014)*

	<i>VAT Free</i>	<i>VAT Included</i>	<i>VAT Free</i>	<i>VAT Included</i>
Physicians	€ 60,00	€ 73,20	€ 75,00	€ 91,50
Nurses	€ 30,00	€ 36,60	€ 35,00	€ 42,70

The fee covers: participation to all open-session events and educational brochures.

10th International Workshop on Neonatology

Giovedì/Thursday, October 23rd, 2014 · *Full day*

Early registration (before September 30th, 2014) *Late registration (after September 30th, 2014)*

	<i>VAT Free</i>	<i>VAT Included</i>	<i>VAT Free</i>	<i>VAT Included</i>
Physicians	€ 120,00	€ 146,40	€ 150,00	€ 183,00
Nurses	€ 60,00	€ 73,20	€ 75,00	€ 91,50

The fee covers: participation to all open-session events, educational brochures and business brunch on October 23rd, 2014.

4th International Conference on Neonatal and Pediatric Laboratory Medicine

Venerdì/Friday, October 24th, 2014 · *Full day*

Early registration (before September 30th, 2014) *Late registration (after September 30th, 2014)*

	<i>VAT Free</i>	<i>VAT Included</i>	<i>VAT Free</i>	<i>VAT Included</i>
Physicians	€ 120,00	€ 146,40	€ 150,00	€ 183,00
Nurses	€ 60,00	€ 73,20	€ 75,00	€ 91,50

The fee covers: participation to all open-session events, educational brochures and business brunch on October 24th, 2014.

International Course on Perinatal Pathology

Sabato/Saturday, October 25th, 2014 · *Full day*

Early registration (before September 30th, 2014) *Late registration (after September 30th, 2014)*

	<i>VAT Free</i>	<i>VAT Included</i>	<i>VAT Free</i>	<i>VAT Included</i>
Physicians	€ 120,00	€ 146,40	€ 150,00	€ 183,00
Nurses	€ 60,00	€ 73,20	€ 75,00	€ 91,50

The fee covers: participation to all open-session events, educational brochures and business brunch on October 25th, 2014.

**Registration fee/Quota d'iscrizione
Inscription procedures/Modalità d'iscrizione**

2 or 3 full day International Conferences/Workshops

Early registration (before September 30th, 2014) *Late registration (after September 30th, 2014)*

		<i>VAT Free</i>	<i>VAT Included</i>	<i>VAT Free</i>	<i>VAT Included</i>
2 full day International Conferences/Workshops	Physicians	€ 220,00	€ 268,40	€ 270,00	€ 329,40
	Nurses	€ 110,00	€ 134,20	€ 135,00	€ 164,70
3 full day International Conferences/Workshops	Physicians	€ 300,00	€ 366,00	€ 370,00	€ 451,40
	Nurses	€ 150,00	€ 183,00	€ 185,00	€ 225,70

The fee covers: participation to all open-session events, educational brochures and business brunches on the selected days.

- ▶ Those wishing to attend must submit the Registration Form online duly completed and accompanied by receipt of payment.
- ▶ Because of limited seating, registrations will be accepted on a first-come basis.
- ▶ Once the maximum number of participants has been reached, registration will be closed and the organizing secretariat will promptly contact those participants exceeding the threshold for reimbursement.
- ▶ Registration deadline is **5 days** prior to the event.

SPECIAL INSCRIPTION PROCEDURES (FOR ITALIAN PARTICIPANTS)

- ▶ **Studenti e specializzandi** che desiderano partecipare ai lavori devono segnalare la propria presenza, effettuando l'iscrizione online entro **7 giorni** dalla data di inizio dell'evento. Gli studenti e gli specializzandi per regolarizzare la loro iscrizione dovranno inviare via fax al numero 0245498199 il documento che attesta la posizione di studente o specializzando. La partecipazione ai lavori è gratuita. L'iscrizione comprende: ammissione ai lavori scientifici e attestato di partecipazione.
- ▶ **I Dipendenti della Patologia e Terapia Intensiva Neonatale, Puericultura e Nido – Azienda Mista di Cagliari** che desiderano partecipare ai lavori devono segnalare la propria presenza, effettuando l'iscrizione online entro **7 giorni** dalla data di inizio dell'evento. La partecipazione ai lavori è gratuita.
- ▶ **Iscrizioni da parte di ASL:** Dopo aver effettuato l'iscrizione online, i partecipanti iscritti dalle Aziende ASL di appartenenza sono pregati di inviare via fax (0245498199) la richiesta della ASL, nella quale dovrà essere specificato:

- che il richiedente è un proprio dipendente;
- che si tratta di un'iscrizione esente IVA ai sensi dell'Art. 14, comma 10 legge 537/93;
- i dati fiscali relativi all'azienda ASL per la fatturazione.

Il partecipante deve anticipare la quota, qualora l'ASL non riuscisse ad effettuare il versamento insieme all'iscrizione. Sarà rilasciata fattura quietanzata intestata all'ASL. Non saranno accettate iscrizioni prive dei requisiti richiesti. Una volta emesse, le fatture non potranno essere modificate.

CONGRESS VENUE

Congress Center at **T HOTEL**
 Via Dei Giudicati, 09131 Cagliari
 Tel. +390704740 Fax +39070474016
 website: www.thotel.it
 e-mail: reservation@thotel.it – info@thotel.it

How to get there

- By airplane* Cagliari-Elmas Airport (10 km far from the hotel).
- By ferry* Cagliari Porto 2 km; Porto Torres S.S. 131; Golfo Aranci-Olbia S.S. 125, S.S. 131; Arbatax S.S. 125.
- By car* T Hotel is easily reachable from road n. 131; following “Cagliari San Benedetto” direction and then T Hotel sign.

CONTINUING MEDICAL EDUCATION (ECM)

Credits have been requested for the following professional categories: Physicians and Nurses. The events are addressed to the disciplines of Pediatrics, Neonatology and Laboratory Medicine.

CERTIFICATE OF ATTENDANCE

A certificate of attendance will be available to each registered congress participant at the end of each Workshop/Conference.

PROCEEDINGS

- The lectures of the 4th International Conference on Neonatal and Pediatric Laboratory Medicine will be published in Clinica Chimica Acta.
- The lectures of the other meetings will be published in the Journal of Pediatric and Neonatal Individualized Medicine.
- The accepted posters/abstracts will be published in the Journal of Pediatric and Neonatal Individualized Medicine.

OFFICIAL LANGUAGES

English and Italian; simultaneous translation will be granted for all the Wednesday, Thursday and Friday sessions.

ACKNOWLEDGEMENTS

The Organizing Committee gratefully acknowledges the support of the Companies and Associations participating in the Workshop.

SEDE DEL CONGRESSO

Centro Congressi **T HOTEL**
 Via Dei Giudicati, 09131 Cagliari
 Tel. +390704740 Fax +39070474016
 website: www.thotel.it
 e-mail: reservation@thotel.it – info@thotel.it

Come raggiungere la sede

- In aereo* L'aeroporto di Cagliari-Elmas dista circa 10 km.
- In nave* Cagliari Porto 2 km; Porto Torres S.S. 131; Golfo Aranci-Olbia S.S. 125, S.S. 131; Arbatax S.S. 125.
- In auto* L'hotel è facilmente raggiungibile dalla strada statale 131: seguire le indicazioni per Cagliari Centro San Benedetto e poi per l'hotel.

EDUCAZIONE CONTINUA IN MEDICINA (ECM)

I crediti sono stati richiesti per le seguenti categorie: Medici e Infermieri. Gli eventi sono indirizzati alle specialità di Pediatria, Neonatologia e Medicina di Laboratorio.

CERTIFICATO DI FREQUENZA

Un certificato di frequenza sarà disponibile per ogni partecipante regolarmente iscritto alla fine di ogni congresso.

ATTI DEL CONGRESSO

- Gli atti della 4th International Conference on Neonatal and Pediatric Laboratory Medicine saranno pubblicati su Clinica Chimica Acta.
- Gli atti degli altri congressi saranno pubblicati sul Journal of Pediatric and Neonatal Individualized Medicine.
- I poster/abstract accettati saranno pubblicati sul Journal of Pediatric and Neonatal Individualized Medicine.

LINGUE UFFICIALI

Inglese e italiano; è previsto un servizio di traduzione simultanea Inglese/Italiano per tutte le letture di mercoledì, giovedì e venerdì.

RINGRAZIAMENTI

Il Comitato Organizzatore ringrazia vivamente per il supporto le Aziende e le Associazioni che partecipano al Workshop.

- ▶ Papers are invited from all different fields of Neonatology.
- ▶ All submitted abstracts will be evaluated by the Scientific Secretariat for presentation as poster. The selected posters will remain on display for the whole meeting in the poster exhibition hall to give the best opportunity to all of the participant for viewing during the meeting.
- ▶ The poster format measures 0.7 m wide by 1.0 m high. Numbered board will be provided at the venue for mounting posters. An author must be present during the walking session.
- ▶ The accepted posters/abstracts will be published in the **Journal of Pediatric and Neonatal Individualized Medicine (www.jpnm.com)**.
- ▶ Abstracts can be submitted using the on-line web form at www.biomedica.net. The authors can check their abstract status by the function "controlla lo stato dell'abstract" on the Workshop web page, using a personal code received by e-mail. Format Requirements are listed in the abstract form on-line. Alternatively, abstracts can be emailed to Vassilios Fanos, Editor-in-Chief of the Journal of Pediatric and Neonatal Individualized Medicine (vafanos@jpnm.com).
- ▶ Abstracts must be **original** (not published elsewhere in whole or in part). When provided, figures and tables must be original. For each author, please list the following items: name, surname, institutional affiliations.
- ▶ Abstracts are accepted in English only.
- ▶ **Examples:** you can download abstracts of the 9th and 8th International Workshop on Neonatology at the following links:
<http://www.jpnm.com/index.php/jpnm/article/download/020220/113>
<http://www.jpnm.com/index.php/jpnm/article/download/010106/14>
- ▶ **5 awards** are available for the best posters presented (**500 Euros each**).
- ▶ **Deadline** for abstract presentation: **August 20th, 2014**.

- ▶ Sono richiesti contributi scientifici in tutti i campi della Neonatologia.
- ▶ Abstract sugli argomenti del Workshop saranno valutati dalla Segreteria Scientifica per la presentazione come poster. I Poster selezionati dovranno essere esposti durante tutto il convegno, per facilitarne la visita a tutti i partecipanti.
- ▶ Lo spazio assegnato a ciascun poster, contrassegnato da un numero, ha base di cm 70 e altezza di cm 100. Un autore del poster deve essere presente durante la sessione poster. Almeno uno degli Autori deve essere iscritto al Workshop.
- ▶ I poster/abstract accettati saranno pubblicati sul **Journal of Pediatric and Neonatal Individualized Medicine (www.jpnm.com)**.
- ▶ Gli Abstract possono essere inviati via Internet collegandosi al sito www.biomedica.net e seguendo l'apposito link. Gli autori potranno controllare lo stato del proprio abstract attraverso la funzione "controlla lo stato dell'abstract" alla pagina Internet del Workshop utilizzando il codice di consultazione ricevuto via e-mail. Le indicazioni per la preparazione dell'abstract sono riportate nel modulo on-line. In alternativa, gli abstract possono essere inviati per email a Vassilios Fanos, Editor-in-Chief del Journal of Pediatric and Neonatal Individualized Medicine (vafanos@jpnm.com).
- ▶ Gli abstract devono essere **originali** (non pubblicati altrove integralmente o in parte). Ove presenti, figure e tabelle devono essere originali. Per ogni autore, indicare i seguenti elementi: nome, cognome, istituzione di appartenenza.
- ▶ Saranno accettati solo abstract in inglese.
- ▶ **Esempio:** potete scaricare gli abstract del nono e dell'ottavo International Workshop on Neonatology ai seguenti links:
<http://www.jpnm.com/index.php/jpnm/article/download/020220/113>
<http://www.jpnm.com/index.php/jpnm/article/download/010106/14>
- ▶ **5 premi da 500 Euro** saranno assegnati ai migliori poster.
- ▶ **Deadline** per la presentazione degli abstract: **20 agosto 2014**.

Save the date

11th International Workshop on Neonatology

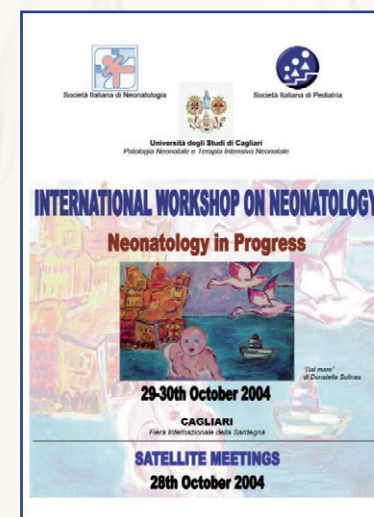
October 28th-31st, 2015

T Hotel, Cagliari, Italy

Main topics

Hematology • Laboratory medicine • Sepsis • Pathology
Metabolomics • Neurology • Pharmacology • Nutrition

History of past Workshops (continues on next pages)



2nd INTERNATIONAL WORKSHOP ON NEONATOLOGY
New Perspectives in Neonatology
XIV INTERNATIONAL WORKSHOP ON NEONATAL NEPHROLOGY

October 21st – 22nd 2005
 CAGLIARI T Hotel
SATELLITE MEETINGS
 October 20th 2005

3rd INTERNATIONAL WORKSHOP ON NEONATOLOGY
New Developments in Neonatology
2nd CONGRESS ON NEONATAL HAEMATOLOGY

October 27th – 28th 2006
 CAGLIARI T Hotel
SATELLITE MEETINGS
 October 26th 2006

6th INTERNATIONAL WORKSHOP ON NEONATOLOGY
Personalized Neonatal Medicine
 Presidents: Vassilios Fanos, Murat Yurdakök

October 28–29, 2010
 T Hotel, CAGLIARI

SATELLITE MEETINGS
 October 30, 2010

7th INTERNATIONAL WORKSHOP ON NEONATOLOGY
A world of newborns. The world for newborns
 October 28-29, 2011 - T HOTEL, Cagliari

MAIN TOPICS
 October 28, 2011
 • Congenital Malformations
 • Perinatal Pharmacology
 October 29, 2011
 • Hot Topics
 Risk Management (Sardinian Neonatological Meeting)

SATELLITE MEETINGS
 24 Ottobre 2011
 • Medical Humanities in Neonatology
 25 Ottobre 2011
 • Focus IVU per il Pediatra di Famiglia
 26 Ottobre 2011
 • 6^o Convegno Neonatologica Informatistica "Terra di Sardegna"
 • Workshop on Metabolomics, Laboratory Medicine and Infections



2^o Congresso Nazionale Gruppo di Studio di Ecografia Pediatrica
 Presidente: Rino Agostiniani
XXIV Congresso "Bambino: Progetto Salute"
 Presidente: Giuseppe Carama
4th INTERNATIONAL WORKSHOP ON NEONATOLOGY
What Next in Neonatology?
 President: Vassilios Fanos
1st MEETING ON NEONATAL INFECTIOLOGY
 President: Mauro Stronati

October 25 – 27 October 2009
 T Hotel, Cagliari

SATELLITE MEETINGS
 1^o Corso di Ecocardiografia Neonatale
 Presidente: Roberto Tambanelli
 4^o Convegno Neonatologica Infermieristica
 Presidente: Denis Pisano

5th INTERNATIONAL WORKSHOP ON NEONATOLOGY
Present and Future of European Neonatology

October 30–31, 2009
 T Hotel, CAGLIARI

SATELLITE MEETING
 29 Ottobre, 2009
 Convegno SIN Sardegna Meeting Nazionale sull'Organizzazione Pediatrica e Neonatologica

8th International Workshop on Neonatology
 October 24th-27th 2012
 T Hotel, Cagliari, Italy
*Systems Medicine in Perinatology and Pediatrics
 Tailored Biomarkers, Drugs and Treatments*

Summer Carnival by Sofia Corbelli (3 years)

9th International Workshop on Neonatology
 October 23rd-26th, 2013
 T Hotel, Cagliari, Italy

Learned lessons, changing practice and cutting-edge research

Associazione Ercolino Onlus
Fondazione di ricerca sarda per il benessere dei piccoli



c/o TIN, Patologia Neonatale, Puericultura e Nido — AOU di Cagliari
Blocco Q, Policlinico di Monserrato – S.S. 554 Bivio Sestu – 09042 Monserrato (CA), Italy
Tel: 070 51093403-95 Fax: 070 51093495
ercolinonlus@gmail.com
C.F. 92178920929
IBAN IT 92 L 02008 04810 000101200340

Local organizing Secretariat

Department of Surgery, Neonatal Intensive Care Unit, Puericulture Institute and
Neonatal Section, University of Cagliari, Italy

Reference person: Patrizia Baire
Ph. +390706753107 – e-mail: baire@unica.it

Organizing Secretariat



BIOMEDIA srl
Via L. Temolo 4, 20126 Milan, Italy
Ph. +390245498282 – Fax: +390245498199
e-mail: convegni@biomedia.net – www.biomedia.net

Reference person: Monica Arosio
Ph. +390245498282 int. 228 – Fax: +390245498199
e-mail: monica.ariosio@biomedia.net