



SIN
SOCIETÀ ITALIANA DI
NEONATOLOGIA



Union Mediterranean
Neonatal Societies



Union European
Neonatal
Perinatal Societies

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

**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
di Cagliari



REGIONE AUTONOMA DE SARDIGNA
REGIONE AUTONOMA DELLA SARDEGNA



AOU Cagliari

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 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)
Società Italiana di Pediatria (SIP)
Società Italiana di Pediatria Ospedaliera (SIPO)
Società Italiana di Biochimica Clinica (SIBioC)
GdS di Nefrologia della SIN
GdS Medicina di Laboratorio in età fetale, neonatale e pediatrica della SIBioC
Gruppo Normanno di Nefrologia Pediatrica
Fondazione Franco Chiappe
Associazione ABCS (Amici Bambini Cardiopatici Sardi)
Fondazione Toscana Gabriele Monasterio per la Ricerca Medica e di Sanità Pubblica
Ordine dei Medici della Provincia di Cagliari
Università degli Studi di Cagliari



Union Mediterranean
Neonatal Societies



Union European
Neonatal
Perinatal Societies



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



AOUCagliari



Comune
di Cagliari



REGIONE AUTONOMA DI SARDEGNA
REGIONE AUTONOMA DELLA SARDEGNA

Fondazione
Franco Chiappe



ABCS (Amici Bambini
Cardiopatici Sardi)

PRESIDENTS:

Vassilios Fanos (Cagliari, Italy), Michele Mussap (Genoa, Italy), Gavino Faa (Cagliari, Italy), Peter Van Eyken (Leuven, Belgium), Apostolos Papageorgiou (Montreal, Canada)

HONORARY COMMITTEE:

G. Bevilacqua (Pisa, Italy), President Italian Collegium of Pathology Professors
E. Bezze (Milan, Italy), Chief Italian Nurses of Neonatology
P. Biban (Verona, Italy), Secretary WFPICCS (World Federation of Pediatric Intensive and Critical Care Societies)
G. Buonocore (Siena, Italy), President UENPS (Union European Neonatal Perinatal Societies)
G. Castaldo (Naples, Italy), President Italian Society of Clinical Biochemistry and Clinical Molecular Biology
G. Chiamenti (Verona, Italy), President Italian Family Pediatricians
G. Corsello (Palermo, Italy), President Italian Society of Pediatrics
J.R. Delanghe (Ghent, Belgium), Editor-in-Chief Clinica Chimica Acta
G. Donzelli (Florence, Italy), Immediate Past-President Italian Society of Perinatal Medicine
C. Fabris (Turin, Italy), Past President Italian Society of Neonatology
M. Ferrari (Milan, Italy), Elected President IFCC (International Federation of Clinical Chemistry and Laboratory Medicine)
P. Giliberti (Naples, Italy), Past President Italian Society of Neonatology
G. Guerrera (Genoa, Italy), President UNICEF Italy
M. Hod (Tel Aviv, Israel), Chairman of the Working Group on Diabetes and Pregnancy of the European Association of Perinatal Medicine
A. Papageorgiou (Montreal, Canada), Past President of the Canadian and the Quebec Neonatal Societies, *Doctor Honoris Causa* University of Athens
M.G. Privitera (Rome, Italy), General Direction of Prevention, Department of Public Health and Innovation, Italian Ministry of Health
C. Romagnoli (Rome, Italy), President Italian Society of Neonatology
G. Saggese (Pisa, Italy), Past President Italian Society of Pediatrics, President Italian Full Professors of Pediatrics
S. Vendemmia (Aversa, Italy), President Italian Arabic Pediatric Associations
M. Yurdakök (Ankara, Turkey), President UMENS (Union Mediterranean Neonatal Societies), President Euro-Asiatic Society of Neonatology

INTERNATIONAL FACULTY:

M. Bengtsson Agostino (Stockholm, Sweden), G. Bevilacqua (Pisa, Italy), G. Buonocore (Siena, Italy), L. Cataldi (Rome, Italy), G. Corsello (Palermo, Italy), J.R. Delanghe (Ghent, Belgium), G. Donzelli (Florence, Italy), G. Faa (Cagliari, Italy), V. Fanos (Cagliari, Italy), M. Ferrari (Milan, Italy), G. Floris (Leuven, Belgium), H. Hagberg (Göteborg, Sweden, and London, UK), C.L. Hartevelde (Leiden, The Netherlands), D. Haumont (Bruxelles, Belgium), M. Hod (Tel Aviv, Israel), G.B. Melis (Cagliari, Italy), G. Mitsiakos (Thessaloniki, Greece), F. Mosca (Milan, Italy), M. Mussap (Genoa, Italy), A. Papageorgiou (Montreal, Canada), M.G. Privitera (Rome, Italy), C. Romagnoli (Rome, Italy), G. Saggese (Pisa, Italy), M. Spraul (Rheinstetten, Germany), M. Stronati (Pavia, Italy), P. Van Eyken (Leuven, Belgium), K. Yurdakök (Ankara, Turkey), M. Yurdakök (Ankara, Turkey)

PRESIDENTS OF THE MEETINGS:

G. Ancora (Rimini, Italy), G. Bevilacqua (Pisa, Italy), J.R. Delanghe (Ghent, Belgium), G. Faa (Cagliari, Italy), V. Fanos (Cagliari, Italy), M. Ferrari (Milan, Italy), G. Mitsiakos (Thessaloniki, Greece), M. Mussap (Genoa, Italy), G. Ottonello (Cagliari, Italy), G. Palmas (Cagliari, Italy), A. Papageorgiou (Montreal, Canada), D. Pisano (Cagliari, Italy), M. Puddu (Cagliari, Italy), P. Van Eyken (Leuven, Belgium), M. Yurdakök (Ankara, Turkey)

ORGANIZING COMMITTEE:

R. Antonucci (San Gavino Monreale), A. Balata (Olbia), M. Bandiera (Carbonia), P.P. Bassareo (Cagliari), F. Coghe (Cagliari), A. Cualbu (Nuoro), S. Chiappe (Cagliari), E. D'Aloja (Cagliari), S. Dessole (Sassari), I. Farnetani (Milan), G. Finco (Cagliari), M. Fossarello (Cagliari), E. Genovese (Cagliari), L. Mascia (Cagliari), G.B. Melis (Cagliari), G. Mercuro (Cagliari), A.M. Nurchi (Cagliari), G. Olzai (Sassari), A.M. Paoletti (Cagliari), U. Pelosi (Iglesias), L. Pibiri (Cagliari), M. Piga (Cagliari), V. Piras (Cagliari), C. Porcu (Cagliari), M. Testa (Cagliari, Italy), G.M. Zanda (Oristano), M. Zonza (Cagliari)

LOCAL ORGANIZING COMMITTEE:

A. Atzei, L. Beltrano, F. Birocchi, M.B. Botta, G. Carboni, F. Cioglia, M. Crisafulli, L. Costa, A. Dessì, S. Floris, D. Gariel, R. Ledda, E. Longobardi, A. Manconi, D. Manus, M.A. Marcialis, V. Marinelli, P. Neroni, I. Murgianu, A. Noto, G. Palmas, B. Pinna, M.C. Pintus, S. Pisano, A. Reali, L. Ruggeri, G. Secci, D. Susto, E. Trudu, E. Vannelli, V. Zurrida

NURSE ORGANIZING COMMITTEE:

V. Annis, D. Lampis, G. Licheri, N. Mascia, C. Piras, D. Pisano, T. Sarigu

LOCAL ORGANIZING SECRETARIAT:

Department of Surgery, Neonatal Intensive Care Unit, Neonatal Pathology, 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.arosio@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 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). Moreover, on the occasion of the workshop, a special online issue of the "Journal of Maternal Fetal Neonatal Medicine", entitled "Neonatomics and childomics: the right route to the future", has been published. 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 is organized with the patronage of the Italian Society of Neonatology, the Italian Society of Pediatrics, 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 numerous selected posters for each meeting and numerous prizes of 500 euros have been awarded for the best contributions (this year we have 5 prizes).

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 alla 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. Quest'anno gli Atti del Workshop saranno pubblicati in parte su "Clinica Chimica Acta" e in parte sul "Journal of Pediatric and Neonatal Individualized Medicine" (JPNIM). Inoltre, in occasione del congresso, è stato pubblicato un numero speciale online del "Journal of Maternal Fetal Neonatal Medicine", intitolato "Neonatomics and childomics: the right route to the future". 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 è 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 la 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; la 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 il 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 numerosi poster selezionati per ogni convegno e sono stati distribuiti numerosi premi da 500 euro ciascuno per i migliori contributi (quest'anno vi sono 5 premi). 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

Chairpersons, Moderators, Speakers & Discussants

Rino Agostiniani (Pistoia, Italy)
 Rocco Agostino (Rome, Italy)
 Carlo Agostoni (Milan, Italy)
 Stefania Altea (Carbonia, Italy)
 Rossano Ambu (Cagliari, Italy)
 Gina Ancora (Rimini, Italy)
 Roberto Antonucci (San Gavino Monreale, Italy)
 Alessandra Atzei (Cagliari, Italy)
 Monica Atzeni (Cagliari, Italy)
 Giuseppe Banderali (Milan, Italy)
 Ignazio Barberi (Messina, Italy)
 Luigi Barberini (Cagliari, Italy)
 Pier Paolo Bassareo (Cagliari, Italy)
 Marianne Bengtsson Agostino (Stockholm, Sweden)
 Enrico Bertino (Turin, Italy)
 Generoso Bevilacqua (Pisa, Italy)
 Elena Bezze (Milan, Italy)
 Paolo Biban (Verona, Italy)
 Giovanni Biggio (Cagliari, Italy)

Carlo Dani (Florence, Italy)
 Riccardo Davanzo (Trieste, Italy)
 Joris R. Delanghe (Ghent, Belgium)
 Iolanda Delogu (Cagliari, Italy)
 Antonio Del Vecchio (Bari, Italy)
 Angelica Dessì (Cagliari, Italy)
 Salvatore Dessole (Sassari, Italy)
 Carlo Dionisi-Vici (Rome, Italy)
 Ambrogio di Paolo (Rome, Italy)
 Gian Paolo Donzelli (Florence, Italy)
 Andrea Dotta (Rome, Italy)
 Giuseppe Ettore (Catania, Italy)
 Armando Faa (Cagliari, Italy)
 Gavino Faa (Cagliari, Italy)
 Claudio Fabris (Turin, Italy)
 Giacomo Faldella (Bologna, Italy)
 Daniela Fanni (Cagliari, Italy)
 Vassilios Fanos (Cagliari, Italy)
 Maria Pia Fantini (Bologna, Italy)



Francesca Birocchi (Cagliari, Italy)
 Ugo Bottone (Massa Carrara, Italy)
 Giuseppe Buonocore (Siena, Italy)
 Paola Carrera (Milan, Italy)
 Rachel Carter (Devon, UK)
 Giuseppe Castaldo (Naples, Italy)
 Luigi Cataldi (Rome, Italy)
 Flaminia Cesare Marincola (Cagliari, Italy)
 Giampietro Chiamenti (Verona, Italy)
 Francesca Cioglia (Cagliari, Italy)
 Ferdinando Coghe (Cagliari, Italy)
 Carlo Corbetta (Milan, Italy)
 Giovanni Corsello (Palermo, Italy)
 Maurizio Crisafulli (Cagliari, Italy)
 Giangiorgio Crisponi (Cagliari, Italy)
 Antonio Cualbu (Nuoro, Italy)
 Giovanna Cuomo (Modena, Italy)
 Laura Cuzzolin (Verona, Italy)
 Ernesto d'Aloja (Cagliari, Italy)

Italo Farnetani (Milan, Italy)
 Jeremy Ferguson (Devon, UK)
 Maurizio Ferrari (Milan, Italy)
 Martina Fiori (Rome, Italy)
 Giuseppe Floris (Leuven, Belgium)
 Susanna Floris (Cagliari, Italy)
 Ruggiero Francavilla (Bari, Italy)
 Remo Galaverna (Cuneo, Italy)
 Paolo Gancia (Cuneo, Italy)
 Clara Gerosa (Cagliari, Italy)
 Paolo Giliberti (Naples, Italy)
 Roberta Guardione (Turin, Italy)
 Giacomo Guerrera (Genoa, Italy)
 Henrik Hagberg (Göteborg, Sweden, and London, UK)
 Cornelis L. Hartevelde (Leiden, The Netherlands)
 Dominique Haumont (Bruxelles, Belgium)
 Moshe Hod (Tel Aviv, Israel)
 Alberto Lai (Cagliari, Italy)
 Doriana Lampis (Cagliari, Italy)

Chairpersons, Moderators, Speakers & Discussants

Sandra Lazzari (Rimini, Italy)
 Gianna Licheri (Cagliari, Italy)
 Monica Limoncino (Cagliari, Italy)
 Sandro Loche (Cagliari, Italy)
 Georgios Loudianos (Cagliari, Italy)
 Claudio Maffei (Verona, Italy)
 Maria Antonietta Marcialis (Cagliari, Italy)
 Luigi Mascia (Cagliari, Italy)
 Nicoletta Mascia (Cagliari, Italy)
 Giuseppe Masnata (Cagliari, Italy)
 Gian Benedetto Melis (Cagliari, Italy)
 Alessandra Meloni (Cagliari, Italy)
 Giuseppe Mercuro (Cagliari, Italy)
 Franco Messina (Naples, Italy)
 Hubert Messner (Bozen, Italy)
 Vito Miniello (Bari, Italy)
 Georgios Mitsiakos (Thessaloniki, Greece)
 Guido Monga (Novara, Italy)
 Corrado Moretti (Rome, Italy)

Marco Piga (Cagliari, Italy)
 Maria Cristina Pintus (Cagliari, Italy)
 Carla Piras (Cagliari, Italy)
 Denis Pisano (Cagliari, Italy)
 Camilla Pisoni (Pavia, Italy)
 Carmela Porcu (Cagliari, Italy)
 Sandra Porcu (Sassari, Italy)
 Maria Grazia Privitera (Rome, Italy)
 Dario Pruna (Cagliari, Italy)
 Melania Puddu (Cagliari, Italy)
 Francesco Raimondi (Naples, Italy)
 Luca Ramenghi (Genoa, Italy)
 Alberto Ravarino (Cagliari, Italy)
 Alessandra Reali (Cagliari, Italy)
 Costantino Romagnoli (Rome, Italy)
 Giuseppe Saggese (Pisa, Italy)
 Francesco Salvatore (Naples, Italy)
 Fabrizio Sandri (Bologna, Italy)
 Tiziana Sarigu (Cagliari, Italy)



Fabio Mosca (Milan, Italy)
 Iolanda Murgianu (Cagliari, Italy)
 Michele Mussap (Genoa, Italy)
 Paola Neroni (Cagliari, Italy)
 Katrien Nijs (Leuven, Belgium)
 Antonio Noto (Cagliari, Italy)
 Anna Maria Nurchi (Cagliari, Italy)
 Stefano Oddini (Cagliari, Italy)
 Cristina Olmi (Cagliari, Italy)
 Giorgio Olzai (Sassari, Italy)
 Giovanni Ottonello (Cagliari, Italy)
 Lino Paladini (Lecce, Italy)
 Giuliana Palmas (Cagliari, Italy)
 Alessandro Pane (Cagliari, Italy)
 Anna Maria Paoletti (Cagliari, Italy)
 Piermichele Paolillo (Rome, Italy)
 Apostolos Papageorgiou (Montreal, Canada)
 Umberto Pelosi (Iglesias, Italy)
 Luciana Pibiri (Cagliari, Italy)

Francesco Savino (Turin, Italy)
 Domenico Scopelliti (Rome, Italy)
 Chiara Selmi (Prato, Italy)
 Manfred Spraul (Rheinstetten, Germany)
 Annamaria Staiano (Naples, Italy)
 Mauro Stronati (Pavia, Italy)
 Gianfranco Temporin (Treviso, Italy)
 Francesco Tregnaghi (Verona, Italy)
 Elisabetta Trudu (Cagliari, Italy)
 Chrysoula Tziaila (Pavia, Italy)
 Peter Van Eyken (Leuven, Belgium)
 Erica Vannelli (Cagliari, Italy)
 Kadriye Yurdakök (Ankara, Turkey)
 Murat Yurdakök (Ankara, Turkey)
 Marco Zaffanello (Verona, Italy)
 Maria Zichi (Sassari, Italy)
 Massimiliano Zonza (Cagliari, Italy)
 Vincenzo Zurrida (Cagliari, Italy)

CORSO PER MEDICI E INFERMIERI A NUMERO CHIUSO

Il dolore e la sua gestione nel neonato

Presidenti: Gina Ancora (Rimini), Giuliana Palmas (Cagliari)

Segreteria scientifica: Nicoletta Mascia (Cagliari)

*Comitato Scientifico: Doriana Lampis (Cagliari), Gianna Licheri (Cagliari),
Carla Piras (Cagliari), Tiziana Sarigu (Cagliari)*

SESSIONE I

Presidente: Marco Piga (Cagliari)

Moderatore: Iolanda Murgianu (Cagliari)

- 09:00 **Nessun dolore: background scientifico e clinico**
Gina Ancora (Rimini)
Tra l'incudine e il martello: luci e ombre dei farmaci antidolorifici
Giuliana Palmas (Cagliari)
Le scale del dolore
Monica Atzeni (Cagliari), Cristina Olmi (Cagliari)
Uso personalizzato delle scale del dolore: oltre dieci anni di esperienza
Sandra Lazzari (Rimini)
- 10:45 **Discussione**
- 11:00 **Pausa**

SESSIONE II

Presidente: Alberto Lai (Cagliari)

Moderatore: Erica Vannelli (Cagliari)

- 11:30 **Terapia non farmacologica del dolore**
Sandra Lazzari (Rimini)
Terapia farmacologica del dolore
Francesca Biocchi (Cagliari), Francesca Cioglia (Cagliari)
Protocollo per l'intubazione e la ventilazione
Gina Ancora (Rimini)
- 12:45 **Discussione**
Conclusioni
Gina Ancora (Rimini), Giuliana Palmas (Cagliari)
- 13:15 **Chiusura lavori**

Room B

IX CONVEGNO NEONATOLOGICO INFERMIERISTICO “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)
Raccomandazioni per l'utilizzo degli alti flussi nel neonato
Cristina Olmi (Cagliari)
Studio multicentrico sull'Assistenza centrata sulla famiglia in TIN, esperienza e soddisfazione dei genitori (comunicazione)
Martina Fiori (Roma)
- 16:50 **Discussione**
- 17:10 **Pausa**

SESSIONE II

Presidente: Melania Puddu (Cagliari)

Moderatori: Iolanda Delogu (Cagliari), Giuliana Palmas (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 **Perinatal programming of brain damage (JPNIM)**
 Gavino Faa (Cagliari, Italy)
Maltreated newborn infants and structural brain development (JPNIM)
 Kadriye Yurdakök (Ankara, Turkey)
The brain: epigenetics and neuromodulators from infancy to adults (JPNIM)
 Giovanni Biggio (Cagliari, Italy)
Birth in Italy between outcomes, appropriateness and responsibility (JPNIM)
 Giuseppe Ettore (Catania, Italy)
Maternal fetal attachment in pregnancies at high risk of preterm deliveries (JPNIM)
 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:
 Giangiorgio 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: Georgios Mitsiakos (Thessaloniki, Greece)
Moderators: Maria Cristina Pintus (Cagliari, Italy), Dario Pruna (Cagliari, Italy)

14.30 **Asphyxia from the eyes of the obstetrician (JPNIM)**
 Gian Benedetto Melis (Cagliari, Italy), Alessandra Meloni (Cagliari, Italy)
Asphyxia from the eyes of the neonatologist (JPNIM)
 Paolo Gancia (Cuneo, Italy)
Polymorphisms and asphyxia (JPNIM, ABS 48)
 Ernesto d'Aloja (Cagliari, Italy)
Brain damage in asphyxia
 Luca Ramenghi (Genoa, Italy)
Brain death (JPNIM)
 Georgios Mitsiakos (Thessaloniki, Greece)
Discussant: Antonio Cualbu (Nuoro, Italy), Carmela Porcu (Cagliari, 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 (JPNIM)**
 Dominique Haumont (Bruxelles, Belgium)
Neonatal ethics in ELBW (JPNIM)
 Hubert Messner (Bozen, Italy)
The change of paradigm in perinatal sciences: the role of Narrative Medicine and Medical Humanities (JPNIM)
 Gian Paolo Donzelli (Florence, Italy)
Palliative cure (JPNIM)
 Fabrizio Sandri (Bologna, Italy)
Children with complex diseases (JPNIM)
 Rino Agostiniani (Pistoia, Italy)
Discussant: Giorgio Olzai (Sassari, Italy), Elisabetta Trudu (Cagliari, Italy)

10th INTERNATIONAL WORKSHOP ON NEONATOLOGY

The last ten years, the next ten years in Neonatology

Presidents: Vassilios Fanos (Cagliari, Italy), Murat Yurdakök (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 (JPNIM)**
Giovanni Corsello (Palermo, Italy)

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

Etiology and outcome of non-immune hydrops fetalis (JPNIM)
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 (JPNIM)**
Ignazio Barberi (Messina, Italy)

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

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

Management of persistent hypoglycemia (JPNIM, ABS 24)
Carlo Dionisi-Vici (Rome, Italy)

Discussant: Georgios Mitsiakos (Thessaloniki, Greece), Lino Paladini (Lecce, Italy)

13:00 **Lunch**

13:45 **Poster session I (abstracts no. 1-25)**
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 (JPNIM)**
Riccardo Davanzo (Trieste, Italy)

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

Nutritional needs in the first year of life (JPNIM)
Carlo Agostoni (Milan, Italy)

Early prevention of obesity (JPNIM)
Claudio Maffei (Verona, Italy)

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

Discussant: Maria Pia Fantini (Bologna, Italy), Georgios Loudianos (Cagliari, Italy)

SESSION IV: MISCELLANEA

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

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

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

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

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

PDA management in preterm infants: keep your hands off the ductus (JPNIM)
Paolo Giliberti (Naples, Italy)

Discussant: Alessandra Atzei (Cagliari, Italy), 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 (CCA)**

Giacomo Guerrera (Genoa, Italy)

Gestational diabetes: where are we now? (CCA)

Moshe Hod (Tel Aviv, Israel)

Translational research and biomarkers in neonatology (CCA)

Joris R. Delanghe (Ghent, Belgium)

**Next generation biomarkers as tools for reducing neonatal mortality:
from discovery to clinical application (CCA)**

Michele Mussap (Genoa, Italy)

SESSION II: PRENATAL AND PERINATAL LABORATORY MEDICINE

Chairman: Antonio Del Vecchio (Bari, Italy)

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

11:00 **New trends in non invasive prenatal diagnosis (CCA)**

Maurizio Ferrari (Milan, Italy)

Future perspectives in metabolic disease testing

Carlo Corbetta (Milan, Italy)

**Prenatal diagnosis for haemoglobinopathies and thalassaemias and
the bank of umbilical cord (CCA)**

Cornelis L. Harteveld (Leiden, The Netherlands)

The next ten years in neonatology (JPNIM)

Vassilios Fanos (Cagliari, Italy)

13:00 **Lunch**

13:45 **Poster session II (abstracts no. 26-50)**

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 (CCA)**

Paola Carrera (Milan, Italy)

Treatment of neonatal infections due to multiresistant strains (CCA)

Mauro Stronati (Pavia, Italy), Chryssoula Tziialla (Pavia, Italy)

Management of bronchiolitis (CCA)

Umberto Pelosi (Iglesias, Italy)

Renal regenerative medicine (CCA)

Gavino Faa (Cagliari, Italy)

Unraveling the secrets of brain injury (CCA)

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 (CCA)**

Vito Miniello (Bari, Italy)

Probiotics and gut health (CCA)

Francesco Savino (Turin, Italy)

The role of microbiome in determining adult health (CCA)

Francesco Salvatore (Naples, Italy)

NMR metabolomics in neonatal screenings (CCA)

Manfred Spraul (Rheinstetten, Germany)

Nutrimetabolomics: what's new? (CCA)

Flaminia Cesare Marincola (Cagliari, Italy)

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), "Prof. Ubaldo Dimita 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)*

Chairmen of the whole day: Generoso Bevilacqua (Pisa, Italy) [Pathologist], Paolo Biban (Verona, Italy) [Neonatologist]

08:45 **Opening Ceremony**

09:00 **Bronchopulmonary dysplasia**
Antonio Del Vecchio (Bari, Italy) [Neonatologist] (JPNIM)
Daniela Fanni (Cagliari, Italy) [Pathologist] (JPNIM)

09:30 **Asphyxia**
Roberto Antonucci (San Gavino Monreale, Italy) [Neonatologist] (JPNIM)
Gavino Faa (Cagliari, Italy) [Pathologist] (JPNIM)

10:00 **Multiple organ failure**
Pier Michele Paolillo (Rome, Italy) [Neonatologist] (JPNIM)
Clara Gerosa (Cagliari, Italy) [Pathologist] (JPNIM)

10:30 **Discussion**
Coffee break

11:00 **Cerebral ischemia in preterm infants**
Maria Antonietta Marcialis (Cagliari, Italy) [Neonatologist] (JPNIM)
Alberto Ravarino (Cagliari, Italy) [Pathologist] (JPNIM)

11:30 **Sepsis**
Vassilios Fanos (Cagliari, Italy) [Neonatologist] (JPNIM)
Gavino Faa (Cagliari, Italy) [Pathologist] (JPNIM)

12:00 **LECTURE**
What is the mechanism of Mg neuroprotection?
Henrik Hagberg (Göteborg, Sweden, and London, UK) [Fetal Medicine Specialist]

12:30 **Discussion**
Lunch

14:00 **Hyaline membrane disease**
Franco Messina (Naples, Italy) [Neonatologist] (JPNIM)
Gavino Faa (Cagliari, Italy) [Pathologist] (JPNIM)

14:30 **Necrotizing enterocolitis**
Melania Puddu (Cagliari, Italy) [Neonatologist] (JPNIM)
Rossano Ambu (Cagliari, Italy) [Pathologist]

15:00 **Perinatal cardiac failure**
Pier Paolo Bassareo (Cagliari, Italy) [Cardiologist] (JPNIM)
Armando Faa (Cagliari, Italy) [Pathologist] (JPNIM)

15:30 **Discussion**

16:00 **Acute kidney injury**
Giovanni Ottonello (Cagliari, Italy) [Neonatologist] (JPNIM)
Gavino Faa (Cagliari, Italy) [Pathologist] (JPNIM)

16:30 **Drug-related perinatal damage**
Laura Cuzzolin (Verona, Italy) [Pharmacologist] (JPNIM)
Daniela Fanni (Cagliari, Italy) [Pathologist] (JPNIM)

17:00 **Biliary duct atresia**
Peter Van Eyken (Leuven, Belgium) [Pathologist] (JPNIM)
Luigi Mascia (Cagliari, Italy), Alessandro Pane (Cagliari, Italy) [Pediatric surgeons]

17:30 **Discussion**
Coffee break

18:00 **MISCELLANEA**
Placental Growth Factor (PIGF) and placental perfusion (JPNIM)
Anna Maria Paoletti (Cagliari, Italy) [Obstetrician]
Newborn from mother with breast cancer (JPNIM)
Giuseppe Floris (Leuven, Belgium) [Pathologist]
Nephrotic syndrome of the newborn and infant (JPNIM)
Guido Monga (Novara, Italy) [Pathologist]
When a newborn dies: European approaches to responsibility (JPNIM vol. 4 n. 1, 2015)
Rachel Carter (Devon, UK), Jeremy Ferguson (Devon, UK), Katrien Nijs (Leuven, Belgium), Francesco Tregnaghi (Verona, Italy) [Lawyers]

19:00 **Discussion**
Concluding remarks
Gavino Faa (Cagliari, Italy), Vassilios Fanos (Cagliari, Italy)

Abstracts no. 1-25: discussion on Thursday, October 23rd, 2014

- ABS 1. UTILIZING MATERNAL FACTORS TO PREDICT ACUTE KIDNEY INJURY IN VERY LOW BIRTH WEIGHT INFANTS**
A.R. Denotti, C.H. Springsteen, M.R. Conaway, M.W. Harer, J.R. Charlton
Charlottesville (VI, USA) and Cagliari (Italy)
- ABS 2. EFFECTS OF CESAREAN SECTION AND INFANT FEEDING ON LATER OBESITY RISK**
E. Verduci, B. Mariani, C. Lassandro, A. Re Dionigi, G. Banderali
Milan (Italy)
- ABS 3. A PROPOSAL FOR MULTICENTER STUDY ON FAMILY-CENTERED CARE IN NICU, PARENTS' SATISFACTION AND EXPERIENCE**
I. Dall'Oglio, A. Portanova, M. Fiori, A. Dotta, O. Gawronski, R. Fida, C. Offidani, G. Rocco, E. Tiozzo, J.M. Latour
Rome (Italy) and Plymouth (UK)
- ABS 4. DORSAL PENILE GLANS EPIDERMOID CYST: A CASE REPORT IN A CHILD**
P. Atzori, A. Pane, S. Avanzini, F. Caddeo, G. Chabert, A. De Lisa, L. Mascia
Cagliari (Italy)
- ABS 5. A NUMERICAL PREDICTION OF THE ITALIAN SCHOLASTIC POPULATION IN 2020**
I. Farnetani, F. Farnetani
Milan, Modena and Reggio Emilia (Italy)
- ABS 6. RESPIRATORY TRACT INFECTIONS (RTI) IN PEDIATRIC POPULATION**
L. Marseglia, G. D'Angelo, S. Manti, C. Salpietro, T. Arrigo, I. Barberi
Messina (Italy)
- ABS 7. FETAL-NEONATAL H1NMR NUTRIMETABOLOMICS IN THE FIRST WEEK OF LIFE**
C. Pravettoni, A. Dessì, F. Cesare Marincola, M.G. Pattumelli, R. Carboni, S. Corbu, C. Ossicini, S. Ciccarelli, V. Fanos, R. Agostino
Cagliari and Rome (Italy)
- ABS 8. VARIABILITY IN LANGERHANS ISLETS NUMBER AT BIRTH: MARKER OF SUSCEPTIBILITY TO DEVELOP DIABETES LATER IN LIFE?**
G. Locci, A. Pinna, S. Nemolato, A. Dessì, V. Fanos, R. Ambu
Cagliari (Italy)
- ABS 9. TRAFFIKING OF THYMOSIN BETA-4 IN THE CELLULAR COMPARTMENTS OF HEPG2 CELLS AT DIFFERENT CONDITIONS**
M. Piras, M. Piludu, G. Pichiri, P. Coni, T. Cabras, R. Ambu, M. Castagnola
Cagliari and Rome (Italy)
- ABS 10. THYROID CARCINOMA IN SARDINIAN CHILDREN AND ADOLESCENTS IS OFTEN ASSOCIATED WITH AUTOIMMUNE THYROIDITIS**
P. Coni, E. Tamponi, A. Lampis, G. Pinna, A.M. Nurchi, S. Farci, M.L. Lai
Cagliari (Italy)
- ABS 11. PROLONGING NEPHROGENESIS IN PRETERM INFANTS: A NEW APPROACH FOR THE PREVENTION OF RENAL DISEASE IN ADULTHOOD?**
A. Sanna, C. Gerosa, D. Fanni, P. Van Eyken, M. Castagnola, R. Ambu
Cagliari, Rome (Italy) and Leuven (Belgium)
- ABS 12. HUMAN ADRENAL GLAND DEVELOPMENT: MORPHOGENESIS AND MOLECULAR MECHANISMS**
E. Obinu, V. Fanos, A. Dessì, R. Ambu
Cagliari (Italy)

- ABS 13. BIOMETRICS APPLICATION FOR NEWBORNS SAFE IDENTIFICATION IN NEONATAL INTENSIVE CARE UNITS**
A. Casanova, S. Barra, M. De Marsico, D. Riccio, L. Barberini, M. Puddu, V. Fanos
Cagliari, Rome and Naples (Italy)
- ABS 14. METABOLOMICS IN NEONATAL HYPOXIC-ISCHEMIC ENCEPHALOPATHY (HIE): A PROPOSAL FOR A EUROPEAN MULTICENTER STUDY**
P. Gancia, G. Pomerio, A. Delogu, C. Dalmazzo, G. Palmas, V. Fanos
Cuneo and Cagliari (Italy)
- ABS 15. LONGITUDINAL EVALUATION OF MYOCARDIAL FUNCTION IN INFANTS WITH HYPOXIC-ISCHEMIC ENCEPHALOPATHY (HIE): PRELIMINARY DATA**
F. Vitali, S. Galletti, A. Aceti, L. Ridolfi, G. Aquilano, M. Fabi, G. Faldella
Bologna (Italy)
- ABS 16. CHANGES IN PODOCYTE NUMBER DURING INTRAUTERINE DEVELOPMENT**
M. Desogus, A. Crobe, A. Sanna, C. Gerosa, C. Fanni, C. Loddo, M. Puddu, G. Ottonello, D. Fanni
Cagliari (Italy)
- ABS 17. EFFICACY OF RECOMBINANT HUMAN ERYTHROPOIETIN IN ANEMIC PREGNANT WOMEN WITH HETEROZYGOUS BETA-THALASSEMIA**
S. Angioni, V. Mais, G.B. Melis
Cagliari (Italy)
- ABS 18. WT1 EXPRESSION IN ONTOGENESIS OF HUMAN FETUS**
R. Ambu, L. Vinci, C. Gerosa, D. Fanni, E. Obinu, A. Faa, V. Fanos
Cagliari (Italy)
- ABS 19. BRAIN HYPOTHERMIA IN PERINATAL ARTERIAL ISCHEMIC STROKE (PAIS)**
A. Djouf, G. Pomerio, C. Dalmazzo, C. Alpicrovi, G. Borgarello, N. Castellino, C. De Maio, A. Simonitti, P. Gancia
Cuneo (Italy)
- ABS 20. FAVORABLE OUTCOME AFTER SEVERE HEMOSTATIC COMPLICATIONS IN NEONATES RECEIVING THERAPEUTIC HYPOTHERMIA (TH) FOR PERINATAL ASPHYXIA**
S. Luciani, A. Pietravalle, G. Di Marzo, C.S. Barbàra, R. Grossi, A. Ruggeri, P. Papoff, C. Moretti
Rome (Italy)
- ABS 21. VARIATIONS IN CARDIOMYOCYTE DENSITY IN DIFFERENT ZONES OF THE LEFT VENTRICULAR WALL CHARACTERIZE THE DEVELOPING HUMAN HEART**
E. Podda, A. Crobe, M. Desogus, A. Faa
Cagliari (Italy)
- ABS 22. RENAL SHEAR WAVES VELOCITY CORRELATES WITH ESTIMATED GLOMERULAR FILTRATION RATE IN CHILDREN WITH CHRONIC KIDNEY DISEASE**
M. Zaffanello, C. Bruno, G. Piacentini, R. Micciolo, M. Brugnara, M. Cecchetto, M. Zuffante, A. Bucci
Verona (Italy)
- ABS 23. A POSSIBLE NEW APPROACH FOR INFORMATION TO PARENTS ON THE USE OF OFF-LABEL DRUGS IN NEONATOLOGY AND PEDIATRICS**
A. Dessì, V. Fanos, M. Zonza, E. D'Aloja, R. Massa, M. Ciuffi, R. Agostiniani, F. Cardinale, A. Correrà, P. D'Agostino, L. Greco, P. Tagliabue
Cagliari, Pistoia, Bari, Naples, Turin, Bergamo, Monza (Italy)
- ABS 24. NEONATAL HYPOGLYCEMIA**
Carlo Dionisi-Vici
Rome (Italy)
- ABS 25. METABOLOMICS APPROACH FOR THE FUNCTIONAL EVALUATION OF A POPULATION OF KIDS BORN VERY PRETERM: PRELIMINARY RESULTS WITH GC-MS**
M. Zaffanello, E. Del Zotti, D. Grapov, L. Barberini, C. Fattuoni, A. Noto, M. Brugnara, V. Fanos
Verona, Cagliari (Italy) and Davis (CA, USA)

Abstracts no. 26-50: discussion on Friday, October 24th, 2014

- ABS 26. LIPOMA OF THE CORPUS CALLOSUS: A CLINIC CASE**
V. Masile, R. Irmesi, E. Coni, M.A. Marcialis, M.C. Pintus
Cagliari (Italy)
- ABS 27. CEREBRAL OXYGENATION, SUPERIOR VENA CAVA FLOW, SEVERE IVH AND MORTALITY IN 60 VERY LOW BIRTH WEIGHT INFANTS**
M. Pozzi, R.M. Cerbo, G. Masa, E. De Sando, M. Stronati
Pavia (Italy)
- ABS 28. A SARDINIAN HOSPICE BY THE SEA, FOUNDED IN CAGLIARI 135 YEARS AGO**
I. Farnetani, F. Farnetani
Milan, Modena and Reggio Emilia (Italy)
- ABS 29. CHANGES IN PODOCYTE NUMBER AND GLOMERULAR VOLUME IN DOWN SYNDROME**
A. Crobe, M. Desogus, S. Soddu, G. Parodo
Cagliari (Italy)
- ABS 30. GIORGIO MAGGIONI, MASTER OF PEDIATRICS**
M.G. Gregorio, F.S. Biagiarelli, L. Cataldi
Cagliari and Rome (Italy)
- ABS 31. REGULATION OF THE HOSPICE BY THE SEA OF VIAREGGIO UNDER THE BORBOUN-PARMA DINASTY**
I. Farnetani, F. Farnetani
Milan, Modena and Reggio Emilia (Italy)
- ABS 32. MILK'S COLOURS AND LATCH SCORE: A TRANSCULTURAL EXPERIENCE IN NURSE LED CLINIC**
C. Ennas, A. Dessì, E. Vannelli, V. Fanos
Cagliari (Italy)
- ABS 33. EPICARDIAL FAT THICKNESS, AN EMERGING CARDIOMETABOLIC RISK FACTOR, IS INCREASED IN YOUNG ADULTS BORN PRETERM**
P.P. Bassareo, M. Puddu, S. Marras, G. Mercurio
Cagliari (Italy)
- ABS 34. A METABOLOMICS ANALYSIS OF CONGENITAL DIAPHRAGMATIC HERNIA: SURVIVORS VS NON SURVIVORS. PRELIMINARY RESULTS**
I. Capolupo, L. Barberini, A. Di Pedè, C. Fattuoni, D. Grapov, A. Noto, A. Dotta, D. Tibboel, P. Bagolan, V. Fanos
Rome and Cagliari (Italy), Davis (CA, USA) and Rotterdam (The Netherlands)
- ABS 35. BERNARDINO RAMAZZINI AND OCCUPATIONAL EXPOSURE IN NEONATOLOGY IN THE SEVENTEENTH CENTURY**
I. Farnetani, F. Farnetani
Milan, Modena and Reggio Emilia (Italy)
- ABS 36. MARKED INTERINDIVIDUAL VARIABILITY IN SURFACTANT A AND B PROTEIN EXPRESSION IN THE FETAL AND NEWBORN HUMAN LUNG**
Cau F, E. Pisu, F. Uda, D. Fanni, C. Gerosa, E. Di Felice, C. Botta, F. Ronchi, R. Antonucci, V. Marinelli, Y. Gibo
Cagliari, San Gavino-Monreale (Italy) and Matsumoto (Japan)
- ABS 37. TRANSFUSION RELATED ACUTE LUNG INJURY IN NEONATES**
E. Tzimou, A.E. Papathanasiou, I. Chatzioannidis, I. Spiridakis, G. Mitsiakos
Thessaloniki (Greece)
- ABS 38. SEIZURES-LIKE WERE THE ALARMING SYMPTOMS IN AN AFRICAN CHILD WITH LIFE-THREATENING CONDITION FROM SEVERE UPPER RESPIRATORY TRACT OBSTRUCTION**
M. Zaffanello, E. Gasperi, P. Biban, L. Lubrano, E. Fiorini, G. Piacentini
Verona (Italy)

- ABS 39. DIAGNOSIS OF TUBEROUS SCLEROSIS COMPLEX IN THE NEONATAL PERIOD: A CASE REPORT**
C. Loddo, P. Neroni, S. Floris, M.A. Marcialis, R. Carta, C. Fanni, D. Pruna, G. Ottonello
Cagliari (Italy)
- ABS 40. SAVE BREAST-MILK FROM POLLUTION**
L. Marseglia, S. Manti, G. D'Angelo, C. Mami, C. Salpietro, I. Barberi
Messina (Italy)
- ABS 41. THE ROLE OF EPIGENETIC FACTORS ON DIABETES MELLITUS DEVELOPMENT**
A.P. Pinna, G. Locci, C. Ripoli, A.M. Nurchi
Cagliari (Italy)
- ABS 42. WT1 EXPRESSION IN THE HUMAN MESONEPHROS**
L. Vinci, E. Obinu, G. Locci, C. Gerosa, D. Fanni, V. Fanos, R. Ambu
Cagliari (Italy)
- ABS 43. SINUSOIDAL CELL APOPTOSIS: A NEW MARKER OF PERINATAL SEPSIS?**
E. Obinu, L. Vinci, G. Locci, C. Gerosa, D. Fanni, F. Birocchi, F. Cioglia, R. Ambu
Cagliari (Italy)
- ABS 44. WNT1 EXPRESSION IN THE HUMAN EMBRYO LIVER AT 7 WEEK OF GESTATION: SIMILARITIES WITH HEPATOCELLULAR CARCINOMA**
E. Obinu, L. Vinci, D. Fanni, R. Ambu
Cagliari (Italy)
- ABS 45. EPIDERMOLYSIS BULLOSA**
S. Vendemmia, D. Nappa, M. Vendemmia
Aversa and Naples (Italy)
- ABS 46. PLATELETS ALLOIMMUNE ANTIBODIES: DIFFERENT OUTCOME IN TWIN PREMATURE INFANTS**
I. Sibona, M. Gaffuri, S. Spaggiari, P. Biban
Verona (Italy)
- ABS 47. AN UNEXPECTED ENEMY**
R. Carta, C. Fanni, C. Loddo, F. Sau, C. Soddu, A.M. Nurchi
Cagliari (Italy)
- ABS 48. MAY THE HIF-1A POLYMORPHISMS BE HELPFUL IN UNDERSTANDING THE NEONATAL HYPOXIC-ISCHEMIC EVENTS?**
E. d'Aloja, M. Caddeo, M. Melis, R. Piras, G.P. Maietta, M.F. Rosa
Cagliari (Italy)
- ABS 49. IMMUNE THROMBOCYTOPENIA DUE TO RIFAMPICIN: DESCRIPTION OF A PEDIATRIC CASE**
V. Relli, S. Piras, G. Melis, O. Forresu, U. Pelosi
Iglesias (Italy)
- ABS 50. THE EFFECTS OF NEONATAL RESUSCITATION TRAINING ON THE APGAR SCORES OF BABIES BORN AT THE NATIONAL HOSPITAL ABUJA (NHA), NIGERIA**
M. Mukhtar-Yola, L.I. Audu, Y. Olaniyan, H.T. Akinbi, A. Dawodu, E.F. Donovan
Abuja (Nigeria) and Cincinnati (OH, USA)

Selected abstracts are from **Belgium, Italy, Greece, Japan, The Netherlands, Nigeria, the UK and the USA** and will participate to the 5 prizes.

The list includes the 50 abstracts selected among those received.

Abstracts no. 24 and 48 will be presented as lectures during the Workshop.

All the other abstracts will be presented as posters and discussed on Thursday (abstracts no. 1-25) and on Friday (abstracts no. 26-50).

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 SIPPS Meeting (Società Italiana di Pediatria Preventiva e Sociale)

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

	<i>Early registration (before September 30th, 2014)</i>		<i>Late registration (after September 30th, 2014)</i>	
	<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*

	<i>Early registration (before September 30th, 2014)</i>		<i>Late registration (after September 30th, 2014)</i>	
	<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*

	<i>Early registration (before September 30th, 2014)</i>		<i>Late registration (after September 30th, 2014)</i>	
	<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*

	<i>Early registration (before September 30th, 2014)</i>		<i>Late registration (after September 30th, 2014)</i>	
	<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*

	<i>Early registration (before September 30th, 2014)</i>		<i>Late registration (after September 30th, 2014)</i>	
	<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

		<i>Early registration (before September 30th, 2014)</i>		<i>Late registration (after September 30th, 2014)</i>	
		<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 e Anatomia Patologica – 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, Laboratory Medicine, Obstetrics and Pathology.

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 are published in the Journal of Pediatric and Neonatal Individualized Medicine.
- The accepted posters/abstracts are published in the Journal of Pediatric and Neonatal Individualized Medicine.
- Moreover, on the occasion of the workshop, a special online issue of the Journal of Maternal Fetal Neonatal Medicine, entitled “Neonatomics and childomics: the right route to the future”, has been published.

OFFICIAL LANGUAGES

English and Italian; simultaneous translation will be guaranteed for all the Wednesday, Thursday and Friday sessions. The course on Saturday will be in English only.

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, Medicina di Laboratorio, Ostetricia e Anatomia Patologica.

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 sono pubblicati sul Journal of Pediatric and Neonatal Individualized Medicine.
- I poster/abstract accettati sono pubblicati sul Journal of Pediatric and Neonatal Individualized Medicine.
- In occasione del congresso, è stato inoltre pubblicato un numero speciale online del Journal of Maternal Fetal Neonatal Medicine, intitolato “Neonatomics and childomics: the right route to the future”.

LINGUE UFFICIALI

Inglese e italiano; è previsto un servizio di traduzione simultanea inglese/italiano per tutte le letture di mercoledì, giovedì e venerdì. Il corso di sabato sarà esclusivamente in inglese.

RINGRAZIAMENTI

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

**The Journal of Pediatric and Neonatal Individualized Medicine (JPNIM) is
the Official Journal UENPS
(Union of European Neonatal & Perinatal Societies)**



OFFICIAL WEBSITE
www.jpnim.com

PUBLISHING MODE
Peer-reviewed, online, fast-track and Open Access

DESCRIPTION

The Journal of Pediatric and Neonatal Individualized Medicine is a peer-reviewed interdisciplinary journal which provides a forum on new perspectives in pediatric and neonatal medicine. The aim is to discuss and to bring readers up to date on the latest in research and clinical pediatrics and neonatology. Special emphasis is on the developmental origin of health and disease, perinatal programming and on the so-called 'omics' sciences. Systems medicine blazes a revolutionary trail from reductionist to holistic medicine, from descriptive medicine to predictive medicine, from an epidemiological perspective to a personalized approach. The journal will be relevant to clinicians and researchers concerned with personalized care for newborns and children.

Medical humanities will also be considered in a tailored way.

INDEXING

Essential data for each JPNIM's article are indexed by mEDRA (the multilingual European Registration Agency of Digital Object Identifiers – DOIs) and DOIs are assigned to all JPNIM contents; all JPNIM articles are indexed in Google Scholar; JPNIM is listed in the browsable journals list maintained by HINARI (a programme set up by WHO together with major publishers, that enables low- and middle-income countries to gain access to one of the world's largest collections of biomedical and health literature); JPNIM is listed in Ulrichsweb (Ulrich's periodicals database: a global serials directory); JPNIM is indexed in SHERPA/RO-MEO (database of publishers' policies on copyright and self-archiving).

ARCHIVING

Long-term preservation is ensured by Portico (a digital preservation and electronic archiving service which is part of ITHAKA, a not-for-profit organization helping the academic community use digital technologies to preserve the scholarly record and to advance research and teaching in sustainable ways).

PUBLISHER

Hygeia Press, Italy - www.hygeiapress.com
Contacts: journal@jpnim.com

EDITOR-IN-CHIEF

Vassilios Fanos, Neonatal Intensive Care Unit, Puericulture Institute and Neonatal Section, "Azienda Ospedaliero-Universitaria" and University of Cagliari, Cagliari, Italy

ASSOCIATE EDITORS

Jacob V. Aranda (New York, USA), **Jaques Belik** (Toronto, Canada), **Giuseppe Buonocore** (Siena, Italy), **Gavino Faa** (Cagliari, Italy), **Enrico Ferrazzi** (Milan, Italy), **Hercília Guimarães** (Porto, Portugal), **Amir Lahav** (Boston, USA), **Michele Mussap** (Genoa, Italy), **Manuel Sanchez Luna** (Madrid, Spain), **Umberto Simeoni** (Marseille, France), **John N. van den Anker** (Washington, USA), **Murat Yurdakök** (Ankara, Turkey)

EDITORIAL BOARD

Rino Agostiniani (Pistoia, Italy), **Carlo Virginio Agostoni** (Milan, Italy), **Karel Allegaert** (Leuven, Belgium), **Gamal Samy Aly** (Cairo, Egypt), **Fani Anatolitou** (Athens, Greece), **Roberto Antonucci** (San Gavino Monreale, Italy), **Luigi Atzori** (Cagliari, Italy), **Georgy Balla** (Debrecen, Hungary), **Luigi Barberini** (Cagliari, Italy), **Pier Paolo Bassareo** (Cagliari, Italy), **Enrico Bertino** (Turin, Italy), **Paolo Biban** (Verona, Italy), **Dorret Irene Boomsma** (Amsterdam, the Netherlands), **Luigi Cataldi** (Rome, Italy), **Antonina Igorevna Chubarova** (Moscow, Russian Federation), **Giovanni Corsello** (Palermo, Italy), **Laura Cuzzolin** (Verona, Italy), **Ernesto D'Aloja** (Cagliari, Italy), **Olivier Danhaive** (San Francisco, USA), **Carlo Dani** (Florence, Italy), **Antonio Del Vecchio** (Bari, Italy), **Gian Paolo Donzelli** (Florence, Italy), **Italo Farnetani** (Milan, Italy), **Boris Filipovic-Grcic** (Zagreb, Croatia), **Gabriele Finco** (Cagliari, Italy), **Diego Gazzolo** (Alessandria, Italy), **Mario Herrera-Marschitz** (Santiago, Chile), **Egbert Herting** (Lübeck, Germany), **Nicoletta Iacovidou** (Athens, Greece), **Neli Gueorgieva Jekova** (Sofia, Bulgaria), **Georgios Konstantinidis** (Novi Sad, Serbia), **Peter Krcho** (Košice, Slovakia), **Gian Benedetto Melis** (Cagliari, Italy), **Giovanni Montini** (Bologna, Italy), **Corrado Moretti** (Rome, Italy), **Fabio Mosca** (Milan, Italy), **Giovanni Ottonello** (Cagliari, Italy), **Eren Özek** (Istanbul, Turkey), **Memet Metin Özek** (Istanbul, Turkey), **Piermichele Paolillo** (Rome, Italy), **Giovanna Perricone** (Palermo, Italy), **Denis Pisano** (Cagliari, Italy), **Melania Puddu** (Cagliari, Italy), **Antonio Ragusa** (Milan, Italy), **Francesco Raimondi** (Naples, Italy), **Natella Rakhmanina** (Washington, USA), **Mahmoud Rashad** (Al Baha, Saudi Arabia), **Kosmas Sarafidis** (Thessaloniki, Greece), **Mauro Stronati** (Pavia, Italy), **Darinka Šumanović-Glamuzina** (Mostar, Bosnia and Herzegovina), **Jerzy Szczapa** (Poznan, Poland), **Rasa Tamelienė** (Kaunas, Lithuania), **Meow-Keong Thong** (Kuala Lumpur, Malaysia), **Bart Van Overmeire** (Bruxelles, Belgium), **Heili Varendi** (Tartu, Estonia), **Liliana Susana Voto** (Buenos Aires, Argentina), **Massimiliano Zonza** (Cagliari, Italy)

WEBSITE VISITORS: TOP COUNTRIES

Country	Percent of Visits	Country	Percent of Visits	Country	Percent of Visits
Italy	37.93%	Greece	2.14%	Spain	0.88%
United States	13.28%	Indonesia	2.02%	Netherlands	0.83%
Portugal	4.60%	Turkey	1.50%	Mexico	0.83%
United Kingdom	4.18%	Brazil	1.43%	Germany	0.78%
India	3.13%	China	1.18%	Malaysia	0.72%
Australia	2.54%	Egypt	1.01%	Estonia	0.69%
Canada	2.51%	Iran	1.01%	Poland	0.67%
		France	0.88%	Lithuania	0.64%

Data regard the period from August 2013 and August 2014, and were retrieved on August 18, 2014, from Alexa Certified Metrics.

DOWNLOADS

For the papers published in the first 2 years of activity, from October 2012 to April 2014 (4 issues, 100 papers), the cumulative articles' views have been **118123**, among which the cumulative PDF views/downloads have been **68146**.

Up until October 12, 2014. The figures are only for direct views/downloads from JPNIM's site, and do not include any other method of reading or downloading (for example, from external open access repositories).

Save the date

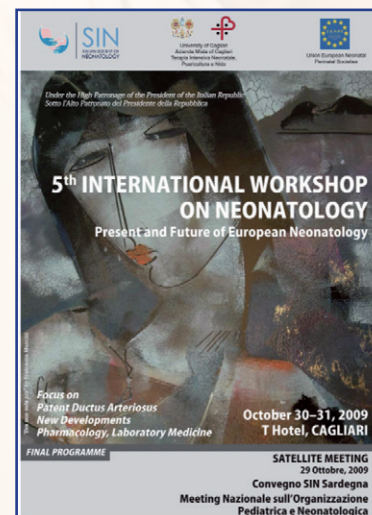
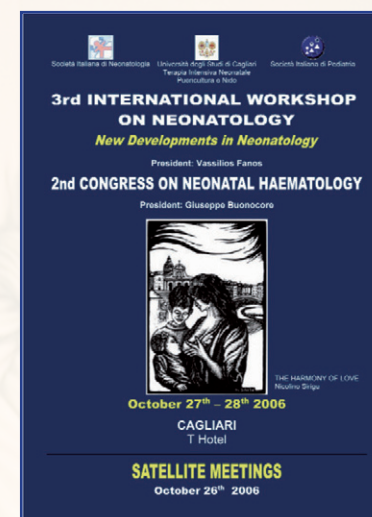
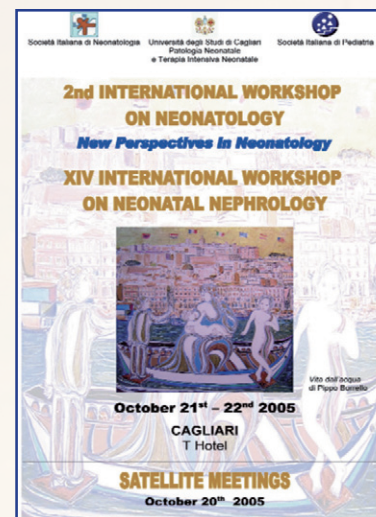
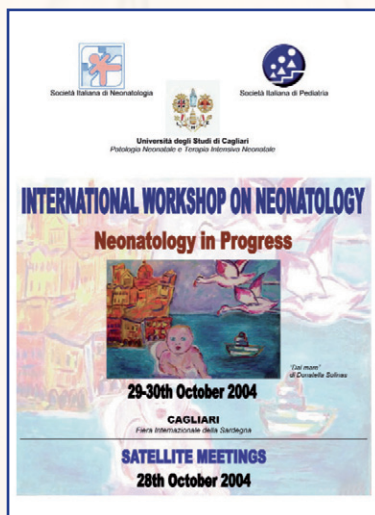
11th International Workshop on Neonatology

October 28th-31st, 2015
T Hotel, Cagliari, Italy

Main topics

Hematology • Laboratory Medicine • Sepsis • Pathology
Metabolomics • Microbiomics • Neurology • Pharmacology • Nutrition
Perinatal Programming • Developmental Origins of Health and Disease

History of past Workshops (continues on next page)





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



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, Neonatal Pathology,
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.arosio@biomedia.net