



SIN
SOCIETÀ ITALIANA DI
NEONATOLOGIA



Società
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Pediatria

EUROPEAN ASSOCIATION OF
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Union of Middle-
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International Federation
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Union
European
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ACTION 7th FP

European Commission's FP7 project ACTION
(Aggression in Children: unravelling gene-environment
interplay to inform Treatment and InterventiON strategies)



Italian
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Force,
31st
Wing

13th International Workshop on Neonatology

October 25th-28th, 2017

T Hotel, Cagliari, Italy

*The power of Epigenetics
Twins: identical but different*

With 7 satellite
meetings



Triptych (detail) by Frederik de Vos (Amsterdam, The Netherlands)

AOU Cagliari



University of Cagliari,
AOU Cagliari,
Neonatal Intensive Care Unit,
Neonatal Pathology and
Neonatal Section

**ORDINE DEI MEDICI CHIRURGI
E DEGLI ODONTOATRI
DELLA PROVINCIA
DI CAGLIARI**



REGIONE AUTONOMA DI SARDEGNA
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CAGLARI
CITTÀ EUROPEA
dello SPORT 2017



13th International Workshop on Neonatology

October 25th-28th, 2017
T Hotel, Cagliari, Italy

The power of Epigenetics
Twins: identical but different

Satellite Meetings

7th INTERNATIONAL CONFERENCE ON NEONATAL
AND PEDIATRIC LABORATORY MEDICINE
4th INTERNATIONAL COURSE ON PERINATAL
PATHOLOGY
CONVEGNO NAZIONALE DI PEDIATRIA E
NEONATOLOGIA
MEETING SOCIETÀ ITALIANA DI NEONATOLOGIA
REGIONE SARDEGNA
XII CONVEGNO NEONATOLOGICO
INFERNIERISTICO "TERRA DI SARDEGNA"
CORSO NEONATOLOGICO INFERNIERISTICO
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Pictures by Eleonora Fanos

Dear Colleagues,

We are pleased to invite you to the **13th 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 8000 participants. Workshop 13 is an important milestone and is accompanied by recognition by many national and international scientific societies. Some of the world's most renowned specialists from about 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.

The title of the workshop "The power of epigenetics. Twins, identical but different" underscores this itinerary: a view towards the future of perinatology and pediatrics through debate and the contribution of the Workshop, but above all the trajectory that assistance, research and teaching will follow in the coming years, in an integrated way with the medicine of the adult. Moreover it is the natural evolution of the last year congress entitled "10P Pediatrics": Personalized, Perspective, Predictive, Preventive, Precise, Participatory, Patient-centric, Psycho-cognitive, Postgenomic, Public.

This year the proceedings of the Workshop will be published in the "Journal of Pediatric and Neonatal Individualized Medicine" (JPNIM), which is now also indexed in Scopus. In past years the journals were "Medical and Surgical Pediatrics", "Journal of Chemotherapy", "Journal of Maternal Fetal Neonatal Medicine", "Clinica Chimica Acta" 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 requiring the patronage of the Italian Society of Neonatology (SIN), the Italian Society of Pediatrics (SIP), the Italian Society of Perinatal Medicine (SIMP), the European Association of Perinatal Medicine (EAPM), the Union of European Neonatal and Perinatal Societies (UENPS), the International Federation of Clinical Chemistry and Laboratory Medicine (IFCC) and the Union of Middle-Eastern and Mediterranean Pediatric Societies (UMEMPS).

Besides the traditional appointment of the International Workshop, there will be 7 satellite meetings, including the 7th International Conference on Neonatal and Pediatric Laboratory Medicine (including a session on twins, with the results of the ACTION FP7 Project – www.action-euproject.eu), the 4th International Course on Perinatal Pathology, the 12th edition of the "Terra di Sardegna" Meeting on Neonatal Nursing and a course on Neonatal Nursing, the Sardinian Meeting of the Society of Neonatology, a National Meeting on Pediatrics and Neonatology (including a session on Low Dose Medicine), and a course organized by the Italian DOHaD (Developmental Origins of Health and Disease) Society.

Researchers are from 20 countries: Belgium, Canada, France, Germany, Greece, India, Italy, Japan, Malta, The Netherlands, Northway, Portugal, Romania, Spain, Sweden, Switzerland, Turkey, UK, Ukraine, USA.

The meeting is dedicated to neonatologists, pediatricians, obstetricians, perinatologists, pathologists, laboratory researchers, pediatric cardiologists and all those who work with the newborns.

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 4 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 and pediatrics.

The Presidents of the International Congresses:

Vassilios Fanos (Cagliari, Italy), Gabriel Dimitriou (Patras, Greece), Ola D. Saugstad (Oslo, Norway), Dorret I. Boomsma (Amsterdam, The Netherlands), Michele Mussap (Genoa, Italy), Raf Sciot (Leuven, Belgium), Gavino Faa (Cagliari, Italy)

Cari Colleghi,

abbiamo il piacere di invitarvi al **13th International Workshop on Neonatology** che si terrà a Cagliari e fa seguito al successo delle precedenti edizioni, che hanno visto complessivamente la presenza di oltre 8000 partecipanti. Quello dei tredici anni è un traguardo importante, accompagnato nel corso degli anni dal riconoscimento di numerose Società Scientifiche Nazionali e Internazionali. 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.

Il significato del titolo del convegno, "Il potere dell'epigenetica. Gemelli identici, ma diversi", rappresenta l'evoluzione naturale del convegno dell'anno scorso centrato sulla "Pediatrica delle 10 P": personalizzata, prospettica, predittiva, preventiva, precisa, partecipata, paziente-centrica, psico-cognitiva, postgenomica, pubblica.

Anche quest'anno gli Atti del Workshop saranno pubblicati sul "Journal of Pediatric and Neonatal Individualized Medicine" (JPNIM) che è stato indicizzato anche su SCOPUS. Negli anni precedenti, le riviste sono state "Medical and Surgical Pediatrics", "Journal of Chemotherapy", "Journal of Maternal Fetal Neonatal Medicine", "Clinica Chimica Acta" e JPNIM.

Nel corso degli anni il convegno ha lasciato una traccia scientifica che ha contribuito a una discussione vivace in un'atmosfera sempre serena ed estremamente costruttiva.

Per il meeting di quest'anno è richiesto il patrocinio di: Società Italiana di Neonatologia (SIN), Società Italiana di Pediatria (SIP), Società Italiana di Medicina Perinatale (SIMP), European Association of Perinatal Medicine (EAPM), Union of European Neonatal and Perinatal Societies (UENPS), International Federation of Clinical Chemistry and Laboratory Medicine (IFCC), Union of Middle-Eastern and Mediterranean Pediatric Societies (UMEMPS).

Oltre al tradizionale Workshop Neonatale, quest'anno ci sono 7 satellite meetings che includono la 7th International Conference on Neonatal and Pediatric Laboratory Medicine (da segnalare una sessione dedicata tutta ai gemelli, con i risultati dell'ACTION FP7 Project – www.action-euproject.eu), il 4th International Course on Perinatal Pathology, la 12^a edizione del Meeting infermieristico-neonatologico "Terra di Sardegna" e un corso infermieristico-neonatologico, il tradizionale Meeting della Società Italiana di Neonatologia – Sezione Sardegna, un Convegno Nazionale di Pediatria e Neonatologia (con una sezione dedicata alla Low Dose Medicine), e un corso organizzato dalla Società Italiana DOHaD (Developmental Origins of Health and Disease).

I ricercatori provengono da 20 paesi: Belgio, Canada, Francia, Germania, Giappone, Grecia, India, Italia, Malta, Norvegia, Olanda, Portogallo, Regno Unito, Romania, Spagna, Stati Uniti, Svezia, Svizzera, Turchia, Ucraina.

Il convegno è dedicato a Neonatologi, Pediatri, Ostetrici, Perinatologi, Anatomo-patologi, Laboratoristi, Cardiologi Pediatri, Infermieri e a tutti coloro che si interessano di neonati.

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 saranno assegnati 4 premi).

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

I Presidenti dei Congressi Internazionali

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 Signor Sergio Pennisi (fotografo di Stormo)

University of Cagliari,
AOU Cagliari,
Neonatal Intensive Care Unit, Neonatal Pathology and Neonatal Section

on behalf of
 International Federation of Clinical Chemistry and Laboratory Medicine – IFCC
 European Association of Perinatal Medicine – EAPM
 Union of European Neonatal and Perinatal Societies – UENPS
 Union of Middle-Eastern and Mediterranean Pediatric Societies – UMEMPS
 European Commission's FP7 project ACTION (Aggression in Children: unraveling gene-environment interplay to inform Treatment and Intervention strategies)
www.action-euproject.eu
 Italian Air Force, 31st Wing
 Società Italiana di Pediatria – SIP
 Società Italiana di Neonatologia – SIN
 Società Italiana DOHaD (Developmental Origins of Health and Disease) – SI-DOHaD
 Società Italiana di Pediatria Preventiva e Sociale – SIPPSS
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 Società Italo Araba di Pediatria
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 Gruppo Normanno di Nefrologia Neonatale Pediatrica
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 Associazione "I Quattro Cuori Onlus"
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 Ordine dei Medici Chirurghi e degli Odontoiatri della Provincia di Cagliari
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Sala T8 al piano terra

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Ore 10-17

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ATTIVITÀ DI PRESIDENZA
 Luigi Tommaso Corvaglia (Brescia)

RAPPRESENTANTE DELL'AREA INFERNIERISTICA
 Denis Pisano (Cagliari)

Sala principale

MEETING SOCIETÀ ITALIANA DI NEONATOLOGIA REGIONE SARDEGNA

Presidenti: Giovanni Ottonello (Cagliari), Melania Puddu (Cagliari)

Segreteria Scientifica: Susanna Floris (Cagliari), Vincenzo Zurrida (Cagliari)

SESSIONE I. TUTTI E TUTTO PER I NOSTRI NEONATI

Presidente: Italo Farnetani (Malta)

Moderatori: Massimiliano Zonza (Cagliari), Susanna Floris (Cagliari)

09:00 Il trasporto neonatale in Sardegna: realtà e prospettive LECT 57

Alessandra Atzei (Cagliari)

Paure, speranze ed emozioni di un genitore, in un viaggio di emergenza

Filippo Marcis (Cagliari)

I voli salvavita: il ruolo dell'Aeronautica Militare LECT 58



LECT 58

La Squadra del 31° Stormo C. Raiti (Roma)

Il trasporto neonatale in Italia e oltre LECT 59

Simone Rugolotto (Rovigo)

Fiocco Azzurro "scende in campo" con ASD Santa Vittoria Femminile e con il Cagliari Calcio

Donatella Dessi (Sarroch)

Un Cuore... di maglia LECT 60

Alice Brandi (Cagliari)

L'isola delle mucche felici rende felici... i neonati LECT 77

Francesca Deidda (Arborea)

Discussants: Antonio Balata (Olbia), Paola Neroni (Cagliari)

SESSIONE II. AGGIORNAMENTI IN NEONATOLOGIA

Presidente: Giangiorgio Crisponi (Cagliari)

Moderatori: Giorgio Olzai (Sassari), Giuliana Palmas (Cagliari)

11:00 Convulsioni neonatali: una survey italiana sulle pratiche di trattamento e monitoraggio LECT 52

Dario Pruna (Cagliari)

Casi clinici indimenticabili in neonatologia LECT 54

Giovanni Ottonello (Cagliari)

Ecografia delle anche nel terzo millennio LECT 55

Maurizio Crisafulli (Cagliari)

Farmacologia neonatale: quali novità? LECT 56

Laura Cuzzolin (Verona)

Approccio ragionato all'enuresi notturna LECT 53

Giuseppe Masnata (Cagliari)

Discussants: Donatella Gariel (Cagliari), Cristina Loddo (Cagliari)

Sala principale

CONVEGNO NAZIONALE DI PEDIATRIA E NEONATOLOGIA

Presidenti: Vassilos Fanos (Cagliari), Rino Agostiniani (Pistoia),

Gianfranco Trapani (Sanremo)

Segreteria Scientifica: Maria Antonietta Marcialis (Cagliari),

Bernadette Pinna (Cagliari)

LOW DOSE MEDICINE IN PEDIATRIA

Presidente: Umberto Pelosi (Cagliari)

Moderatori: Sandro Loche (Cagliari), Maurizio Zanda (Cagliari)

14:30 Nuovi paradigmi farmacologici: la Low Dose Medicine. Evidenze pre-cliniche e cliniche in Pediatria LECT 50

Sergio Bernasconi (Parma)

Piccoli dosaggi per piccoli pazienti: 10 anni di ricerca nel campo della Low Dose Medicine LECT 50

Gianni Bona (Novara)

Uso ragionevole degli antibiotici in età pediatrica: alternative terapeutiche o convergenze terapeutiche? LECT 51

Gianfranco Trapani (Sanremo)

Discussants: Elisabetta Longobardi (Cagliari), Gabriella Secci (Cagliari)

TAVOLA ROTONDA SULLA RESPONSABILITÀ PROFESSIONALE DEI MEDICI: LA NUOVA REALTÀ

in collaborazione con la Società Italiana di Pediatria Preventiva e Sociale (SIPPS)

Conducono: Gabriele Finco (Cagliari), Ernesto D'Aloja (Cagliari)

16:15 L'avvocato LECT 61

Francesco Tregnaghi (Verona)

Il medico-legale LECT 62

Franco Paribello (Cagliari)

L'ostetrico

Gian Benedetto Melis (Cagliari)

La Società Italiana di Neonatologia: il neonatologo LECT 63

Costantino Romagnoli (Roma)

La Società Italiana di Pediatria: il pediatra LECT 64

Rino Agostiniani (Pistoia)

La Società Italiana di Pediatria Preventiva e Sociale: il pediatra di famiglia LECT 65

Giuseppe Di Mauro (Aversa)

La Società Italiana di Medicina di Emergenza e Urgenza Pediatrica: il pediatra di pronto soccorso LECT 66

Alessandro Canetto (Cagliari)

Il chirurgo pediatra LECT 67

Luigi Mascia (Cagliari)

Discussants: Laura Costa (Cagliari), Alberto Lai (Cagliari)

Main room

13th INTERNATIONAL WORKSHOP ON NEONATOLOGY
in collaboration with the European Association of Perinatal Medicine (EAPM) and the Italian Society of Neonatology (SIN)

Presidents: Vassilios Fanos (Cagliari, Italy), Gabriel Dimitriou (Patras, Greece), Ola D. Saugstad (Oslo, Norway)

Scientific Secretariat: Giuliana Palmas (Cagliari Italy), Marcella Testa (Cagliari, Italy)

08:45 Opening Ceremony

SESSION I. KEYNOTE LECTURES

Chairman: Claudio Fabris (Turin, Italy)

Moderators: Angelo Rizzo (Palermo, Italy), Luigi Orfeo (Rome, Italy)

09:00 **Asphyxia in the third millennium: from Virgina Apgar to metabolomics LECT 1**
Ola D. Saugstad (Oslo, Norway)

Intrapartum fetal monitoring: where are we now? LECT 2
Diogo Ayres-de-Campos (Porto, Portugal)

Why should we extend the indications for therapeutic hypothermia? LECT 3
Elie Saliba (Tours, France)

Antibiotics prescription in NICU LECT 4
Gabriel Dimitriou (Patras, Greece)

SESSION II. INFECTIONS IN PERINATOLOGY AND THE COLLAPSE OF THE MICROBIOME

Chairman: Mauro Stronati (Pavia, Italy)

Moderators: Gaetano Chirico (Brescia, Italy), Giovanna Mangili (Bergamo, Italy)

11:15 **Chorioamnionitis: from classic data to metabolomics LECT 5**
Lorenza Pugni (Milan, Italy)

Fungal infections LECT 6
Francesco Raimondi (Naples, Italy)

Metabolomics in sepsis: the power of prediction LECT 7
Vassilios Fanos (Cagliari, Italy)

Probiotics in obstetrics and gynecology LECT 8
Giuseppe Ettore (Catania, Italy)

Discussants: Antonio Cualbu (Nuoro, Italy), Georgios Loudianos (Cagliari, Italy)

13:00 Lunch

13:30 Poster session (abstracts no. 1-41)

SESSION III. PRECISION PULMONOLOGY

Chairman: Fabio Mosca (Milan, Italy)

Moderators: Piermichele Paolillo (Rome, Italy), Maria Cristina Pintus (Cagliari, Italy)

14:30 **Surfactant treatment in late preterm infants with respiratory distress syndrome: lights and shadows LECT 9**
Carlo Dani (Florence, Italy)

Precision ventilation in newborns LECT 10
Paolo Tagliabue (Monza, Italy)

Precision non invasive ventilation in newborns LECT 11
Corrado Moretti (Rome, Italy)

Bronchopulmonary dysplasia: from Northway to metabolomics LECT 12
Danila Manus, Valentina Masile (Cagliari, Italy)

RSV infection: what's new? LECT 13
Marcello Lanari (Bologna, Italy)

Discussants: Elisabetta Coni (Cagliari, Italy), Lino Paladini (Lecce, Italy)

SESSION IV. A SPACE FOR EMERGENCY

in collaboration with  **EMERGENCY**

Chairman: Roberto Cavallini (Cagliari, Italy)

16:30 **EMERGENCY in obstetrics, worldwide LECT 14**
Raffaella Baiocchi (Arzignano, Italy)
Neonatology in Afghanistan LECT 15
Marcella Testa (Cagliari, Italy)

Discussants: Filippo Pistolesi (Cagliari, Italy), Paolo Zanolla (Cagliari, Italy)

SESSION V. WINNING INNOVATION IN GASTROENTEROLOGY AND NUTRITION

Chairman: Claudio Cavalli (Cremona, Italy)

Moderators: Alessandra Reali (Cagliari, Italy), Luciana Pibiri (Cagliari, Italy)

17:00 **New perspectives in human milk fortifiers LECT 16**
Enrico Bertino (Turin, Italy)

Gut perturbations and probiotics in neonatology LECT 17
Giacomo Biasucci (Piacenza, Italy)

NIRS and gut function in preterm newborns LECT 18
Luigi Tommaso Corvaglia (Bologna, Italy)

Allergy to cow's milk protein LECT 19
Gianluigi Marseglia (Pavia, Italy)

Discussants: Elisabetta Trudu (Cagliari, Italy), Flaminia Cesare Marincola (Cagliari, Italy)

Main room

7th INTERNATIONAL CONFERENCE ON NEONATAL AND PEDIATRIC LABORATORY MEDICINE
in collaboration with the International Federation of Clinical Chemistry and Laboratory Medicine (IFCC)

Presidents: Vassilios Fanos (Cagliari, Italy), Michele Mussap (Genoa, Italy),
Dorret I. Boomsma (Amsterdam, the Netherlands)

Scientific Secretariat: Antonio Noto (Cagliari, Italy), Elisabetta Trudu (Cagliari, Italy)

8:45 Opening Ceremony

SESSION I. KEYNOTE LECTURES

Introduced by Vassilios Fanos (Cagliari, Italy) and Michele Mussap (Genoa, Italy)

- 9:00 "The fault is not in our stars but may be in our embryos": glomerular number in LBW babies **LECT 20**
Giuseppe Remuzzi (Bergamo, Italy)
Vaccine-preventable diseases **LECT 21**
Alberto Villani (Rome, Italy)

SESSION II. OMICS REVOLUTION

in collaboration with the Union of Middle-Eastern and Mediterranean Pediatric Societies (UMEMPS)

- Chairmen: Ferdinando Coghe (Cagliari, Italy), Enver Hasanoğlu (Ankara, Turkey)
Moderators: Roberto Antonucci (Sassari, Italy), Alev Hasanoğlu (Ankara, Turkey)
- 10:00 New prospects for pediatric respiratory medicine from metabolomics **LECT 23**
Eugenio Baraldi (Padua, Italy)
New biomarkers and "omics" in preeclampsia **LECT 24**
Michele Mussap (Genoa, Italy)
Maternal milk: microbiomics and immunomics **LECT 25**
Diego Peroni (Pisa, Italy)
Nutrimentabolomics of milk: colostrum and more **LECT 26**
Angelica Densi (Cagliari, Italy)
Autism: from conventional diagnosis to metabolomics **LECT 27**
Paolo Curatolo (Rome, Italy)

Discussants: Luigi Barberini (Cagliari, Italy), Antonio Noto (Cagliari, Italy)

13:00 Lunch

13:30 Poster session (abstracts no. 42-94)

SESSION III. BIOMARKERS IN RESEARCH AND CLINICAL PRACTICE FROM THE FETUS TO THE ADULT

in collaboration with the Italian Romanian Society of Pediatrics

Chairmen: Marin Burlea (Iași, Romania), Salvatore Vendemmia (Aversa, Italy)

Moderators: Pier Paolo Bassareo (Cagliari, Italy), Gianfranco Temporin (Rovigo, Italy)

- 14:30 Enhancing immune responses in children with recurrent respiratory infections **LECT 33**
Gian Vincenzo Zuccotti, Carla Mameli (Milan, Italy)
Placental biomarkers **LECT 28**
Anna Maria Paoletti (Cagliari, Italy)
Biomarkers in neonatal sepsis **LECT 29**
Rahmi Örs (Konia, Turkey)
Acute kidney injury in newborns **LECT 30**
Canan Aygün (Samsun, Turkey)
Biomarkers of cardiotoxicity **LECT 31**
Giuseppe Mercuro (Cagliari, Italy)
Quantification in neonatal urine and proficiency testing compared to non-NMR methods **LECT 32**
Manfred Spraul (Rheinstetten, Germany)

Discussants: Mario Barbarini (Como, Italy), Domenico Perri (Aversa, Italy)

SESSION IV. TWINS, THE POWER OF EPIGENETICS

in collaboration with ACTION FP7 Project (www.action-euproject.eu)

Chairpersons: Luigi Cataldi (Rome, Italy), Anamaria Ciubara (Galati, Romania)

Moderators: Luigi Atzori (Cagliari, Italy), Paolo Moi (Cagliari, Italy)

- 17:00 Obstetrical management in twin pregnancies **LECT 34**
Erich Cosmi (Padua, Italy)
The pathologist and twins **LECT 35**
Daniela Fanni (Cagliari, Italy)
Twins: the power of epigenetics **LECT 36**
Giovanni Corsello (Palermo, Italy)
Management of perinatal loss of twins **LECT 37**
Melania Puddu (Cagliari, Italy)
Neuropsychiatric problems in twins **LECT 38**
Marzia Guarneri, Chiara Ciampi (Florence, Italy)
Keynote lecture: The results of the ACTION Project on twins **LECT 39, ABS 72**
Dorret I. Boomsma (Amsterdam, The Netherlands)
- Discussants: Mirco Manchia (Cagliari, Italy) **LECT 70**
Roberta Pintus (Cagliari, Italy) **LECT 71**
Hema Sekhar Reddy Rajula (Cagliari, Italy and Chennai, India) **ABS 82**

- 19:30 Awarding 4 Prizes (500 euros for each prize) for the best posters presented:
"Prof. Franco Chiappe Prize", "Prof. Luciano Tatò Prize" – offered by Neonatal and Pediatric Nephrourology Group (Norman Group), Neonatal and Pediatric Nephrourology Group (Norman Group) Prize, "Prof. Ubaldo Dimitri Prize" offered by A.I.S.E.R.N.U.I.
Board Members: Luigi Cataldi (Rome, Italy), Gabriel Dimitriou (Patras, Greece), Gianfranco Temporin (Rovigo, Italy), Salvatore Vendemmia (Aversa, Italy)

Sala T3 al piano terra

**CORSO NEONATOLOGICO INFERMIERISTICO
“TERRA DI SARDEGNA”**

Presidente: Denis Pisano (Cagliari)

8:45 Apertura dei lavori e saluto ai partecipanti

CORSO INFERMIERISTICO

09:00 **Le lesioni da pressione in ambito neonatale LECT 68**

Luisa Guarinoni, Simona Tuccio (Brescia)

Le lesioni da pressione in ambito neonatale

Dall'identificazione precoce dei segnali di allarme all'applicazione tempestiva degli interventi infermieristici

In un'unità operativa di Neonatologia, ed in particolare nelle Terapie Intensive Neonatali (TIN), la prevenzione delle lesioni della cute, soprattutto quelle da pressione, è fondamentale.

Il corso si prefigge di fornire ai partecipanti le basi teorico-pratiche per l'identificazione precoce dei segnali d'allarme che precedono una lesione cutanea e la conseguente tempestiva applicazione degli interventi infermieristici.

Durante il percorso si farà cenno all'analisi della struttura della cute, alle differenze tra adulto, bambino e neonato. In particolare, sarà dato risalto alle problematiche inerenti alla cute del neonato prematuro nelle varie età gestazionali sottolineando i fattori di rischio sia endogeni, quali l'immaturità dell'apparato tegumentario e la ridotta mobilità, sia esogeni, quali l'ampio utilizzo di devices e i relativi sistemi di fissaggio.

Verrà anche illustrato il protocollo in uso presso la TIN degli Spedali Civili di Brescia, i presidi, le medicazioni antidecubito e gli strumenti utilizzati per il mantenimento dell'integrità cutanea nel neonato.

Sala T3 al piano terra

**XII CONVEGNO NEONATOLOGICO INFERMIERISTICO
“TERRA DI SARDEGNA”**

Presidente: Denis Pisano (Cagliari)

Segreteria Scientifica: Nicoletta Mascia (Cagliari)

Comitato Organizzatore: Vittoria Annis (Cagliari), Serenella Atza (Cagliari), Dariana Lampis (Cagliari), Carla Piras (Cagliari), Tiziana Sarigu (Cagliari)

SESSIONE INFERMIERISTICA I

Moderatori: Stefania Altea (Carbonia), Denis Pisano (Cagliari)

15:00 **Lettura. Il percorso dell'infermiere dalla formazione alla professione**

Maria Rita Pinna (Cagliari)

Analgesia ostetrica ed emogasanalisi nel neonato: indagine retrospettiva

Manuela Frau (Cagliari)

Le enterostomie nel neonato: aspetti gestionali LECT 69

Sandra Porcu (Sassari)

Un Cuore... di maglia LECT 60

Alice Brandi (Cagliari)

Discussant: Savina Figus (Cagliari)

SESSIONE INFERMIERISTICA II

Moderatori: Maria Antonietta Marcialis (Cagliari), Tiziana Sarigu (Cagliari)

17:00 **Cosa c'è di nuovo sul dotto di Botallo che l'infermiere deve sapere? LECT 22**

Flaminia Bardanzellu (Cagliari)

Comunicazione Infermieristica efficace in ambito neonatologico

Massimiliano Zonza (Cagliari)

È cambiato qualcosa nella responsabilità professionale dell'infermiere? LECT 61

Francesco Tregnaghi (Verona)

Discussant: Anna Bruna Zanda (Cagliari)

Discussione

Chiusura lavori

Scientific Programme
Sabato/Saturday, October 28th, 2017 · Mattina/Morning

Main room

4th INTERNATIONAL COURSE ON PERINATAL PATHOLOGY

Presidents: Gavino Faa (Cagliari, Italy), Vassilios Fanos (Cagliari, Italy),

Raf Sciot (Leuven, Belgium)

Scientific Secretariat: Daniela Fanni (Cagliari, Italy),

Viviana Marinelli (Cagliari, Italy)

8:45 Opening Ceremony

SESSION I. KEYNOTE LECTURES: TUMORS

Introduced by: Gavino Faa (Cagliari, Italy)

9:00 **Soft tissue tumors in neonatal and pediatric setting LECT 40**

Raf Sciot (Leuven, Belgium)

Introduced by: Raf Sciot (Leuven, Belgium)

9:30 **Placental soft tissue tumors LECT 41**

Gavino Faa (Cagliari, Italy)

SESSION II. PLACENTA: THE FLIGHT'S RECORDER OF PREGNANCY

Chairman: Gavino Faa (Cagliari, Italy)

Moderators: Alessandra Meloni (Cagliari, Italy), Carmela Porcu (Cagliari, Italy), Mariella Vendemmia (Aversa, Italy)

10:00 **Do Obstetricians really know placenta? LECT 42**

Stefano Angioni (Cagliari, Italy)

Ultrasounds and placenta LECT 43

Giovanni Monni, Ambra Iuculano (Cagliari, Italy)

Male and female placentas: a revolution? LECT 44

Gavino Faa (Cagliari, Italy)

Do Neonatologists really know placenta? LECT 45

Giuseppe Buonocore (Siena, Italy)

S100B expression in placenta LECT 46

Armando Faa (Olbia, Italy)

Chorioamnionitis and neonatal outcome LECT 47

Clara Gerosa (Cagliari, Italy)

Metabolomics and placenta LECT 48

Claudia Fattuoni, Luigi Barberini (Cagliari, Italy)

Artificial placenta LECT 49

Salvatore Dessole (Sassari, Italy)

Discussant: Marcella Peri (Cagliari, Italy)

13:30 **Closure of the meeting**

Scientific Programme
Sabato/Saturday, October 28th, 2017 · Pomeriggio/Afternoon

Main room

CORSO DELLA SOCIETÀ ITALIANA DEVELOPMENTAL ORIGINS OF HEALTH AND DISEASE (SI-DOHaD)

**Dalla placenta alla salute del futuro:
la potenza della programmazione**

Con il contributo non condizionante di ABOCA

Presidents: Ernesto Burgio (Palermo), Vassilios Fanos (Cagliari),

Lucia Migliore (Pisa)

Presidente: Marco Piga (Cagliari)

Moderatori: Anna Maria Fulghesu (Cagliari), Giuseppe Masnata (Cagliari)

14:30 **DOHaD, nutrition and basic research LECT 72**

Irene Cetin, Chiara Mandò (Milano)

Il patologo e il programming: placenta, staminali... LECT 44, ABS 54

Gavino Faa (Cagliari)

Tra genetica ed epigenetica: un equilibrio complesso LECT 73

Lucia Migliore (Pisa)

Programming perinatale e patologia d'organo LECT 74

Vassilios Fanos (Cagliari)

Anestesia e cervello in via di sviluppo: il rovescio della medaglia LECT 75

Gabriele Finco (Cagliari)

Nascita, crescita, neurosviluppo e ambiente LECT 76

Ernesto Burgio (Palermo)

Presentazione ufficiale dello studio CCM vinto dalla SI-DOHaD ABS 70

Ernesto Burgio (Palermo)

Discussants: Claudia Fanni (Cagliari), Federico Mecarini (Cagliari)

Selected Abstracts**ABS 1. NEONATAL ACUTE KIDNEY INJURY AND OXIDATIVE STRESS**

A. Babintseva, Y. Hodovanets, L. Agafonova, A. Phrunza – Chernivtsi (Ukraine)

ABS 2. LIFE SUPPORT MANAGEMENT IN NEONATES WITH SEVERE OR DISMAL PROGNOSIS: THE OPINIONS OF DOCTORS AND NURSES IN A TERTIARY-LEVEL NEONATAL INTENSIVE CARE UNIT

S. Casarotto, R. Beghini, M. Castellani, E. Bonafiglia, R. Frassoldati, S. Carlascara, F. Carnevale, P. Biban – Verona (Italy) and Montreal (Canada)

ABS 3. THE METABOLOMICS REVOLUTION IN BRONCHOPULMONARY DYSPLASIA: PERSONAL EXPERIENCE

A. Buffa, M.C. Pintus, M. Lussu, A. Noto, V. Masile, D. Manus, R. Pintus, A. Dessi, V. Fanos, L. Atzori – Cagliari (Italy)

ABS 4. WHARTON'S JELLY: A SIGNIFICANT DETAIL

P. Bini, A. Castiglione, R. Barachetti, G. Rulfi, G. Natale, E. Villa, M. Barbarini – Como (Italy)

ABS 5. FROM STORK WINGS TO AIRPLANE'S: OUR EXPERIENCE ON 100 NEONATAL TRANSPORTS

F. Ferendeles, C.M. Vacca, D. Frailis, C. Spiga, N. Garau, R. Mazzitti, S. Ibbà, A. Cirina, M. Puddu, G. Ottanello, M. Crisafulli, A. Atzei – Cagliari (Italy)

ABS 6. ANOMALIES OF INTRA-HEPATIC BILE DUCT CILIA IN BILIARY ATRESIA

R. Frassetto, F. Parolini, S. Marceddu, G. Satta, T. Pinna, A. Dessanti, V. Villanacci, R. Antonucci, F. Tanda, D. Alberti, K. Schwarz, M.G. Clemente – Sassari, Brescia (Italy) and Baltimore (USA)

ABS 7. HUMAN HERPES VIRUS 6 INFECTION IN CHILDREN WITH LYMPHOBLASTIC ACUTE LEUKEMIA COMMON: CAUSING AGENT OR CASUAL ASSOCIATION?

F. Marino, S. Rossin, S. Abbate, V. Rametta, S. Innaurato, M. Berardi, F. Rimondi, M. Rotella, S. Zanella, C. Santagati, G. Passarella, F. Rigon, C. Lorenzetto, S. Rugolotto – Rovigo and Padua (Italy)

ABS 8. WHOOPING COUGH IN NEWBORN: A CLINICAL CASE DIFFICULT TO SOLVE

M. Vendemmia, G. Parisi, I. Nappa, S. Vendemmia, S. Sciorio – Caserta, Vasto, Aversa and Naples (Italy)

ABS 9. FROZEN SECTIONS EXAMINATION OF PLACENTA IN SEPTIC NEWBORNS. THE GENOA EXPERIENCE

M. Paudice, G. Piccardo, A. Alodi, B. Spina, C.M. Biatta, F. Todeschini, F. Buffelli, E. Fulcheri, S. Ferrero, V.G. Vellone – Genoa (Italy)

ABS 10. THE ACADEMIC PEDIATRICS OF SIENA AND THE GREAT WAR; A STUDY CREATED FOR THE CENTENARY OF THE FIRST WORLD WAR

I. Farnetani, G. Buonocore – Siena (Italy) and Malta

ABS 11. BRONCHOPULMONARY DYSPLASIA IN A COHORT OF EXTREMELY LOW GESTATIONAL AGE NEWBORNS (ELGANS): 5 YEARS OF EXPERIENCE

V. Masile, D. Manus, M. Puddu, G. Palmas, M.A. Marcialis, F. Bardanzellu, V. Fanos, M.C. Pintus – Cagliari (Italy)

ABS 12. EXTREME THROMBOCYTOSIS IN A PRE-TERM TWIN: A CASE REPORT

S. Becciani, A. Cecchi, C. Dani – Florence (Italy)

ABS 13. USE OF PARACETAMOL IN PATENT DUCTUS ARTERIOSUS CLOSURE: EXPERIENCE OF THE NEONATAL INTENSIVE CARE UNIT OF CAGLIARI

E. Coni, C. Fanni, M. Testa, G. Palmas, F. Birocchi, F. Cioglia, V. Zurrida, D. Gariel, I. Murgiana, V. Fanos, M. Puddu – Cagliari (Italy)

ABS 14. A CASE OF HEMOPHAGOCYTIC LYMPHOHISTIOCYTOSIS TRIGGERED BY A CYTOMEGALOVIRUS INFECTION

A. Ferrari, L. Bonetti, V. Del Volgo, M.S. Cosentino, C. Distefano, M. Soliani, R. Delmiglio, F. Comes, A.E. Scaramuzza, C. Cavalli, F. Porta – Cremona and Brescia (Italy)

ABS 15. GIOVANNI BUCCI (1928-2016) AND ANTONIO MARINI (1931-2006), LEADING SCHOLARS AND FOUNDING FATHERS OF NEONATOLOGY IN ITALY

L. Cataldi, M.G. Gregorio – Cagliari and Rome (Italy)

ABS 16. A FISH... OUT OF WATER

N. Garau, F. Ferendeles, C. Spiga, R. Mazzitti, S. Ibbà, A. Cirina, A. Atzei, G. Ottanello – Cagliari (Italy)

ABS 17. ULTRA LATE ONSET DISEASE PRESENTING WITH GROUP B STREPTOCOCCUS MENINGITIS IN A PRETERM TWIN: A CASE REPORT

S. Mastromattei, M.G. Pattumelli, C. Cherchi, A.M. Oggiano, P. Olmeo, L. Abis, R. Antonucci – Sassari (Italy)

ABS 18. NEONATAL HYPOTONIA: A CASE OF SEVERE CONGENITAL MYOPATHY

A. Mussoni, A. Murianni, A. Atzei, S. Floris, M.E. Trudu, E. Longobardi, A. Manconi, G. Secci, G. Ottanello – Cagliari (Italy)

Selected Abstracts**ABS 19. PERSISTENT FEVER: DO NOT THINK TO EXOTIC DISEASES ONLY, PUT A PROBE ON THE HEART!**

G. Passarella, S. Rossin, S. Abbate, V. Rametta, S. Innaurato, M. Berardi, F. Rimondi, M. Rotella, S. Zanella, C. Santagati, F. Marino, F. Rigon, C. Lorenzetto, S. Rugolotto – Rovigo and Padua (Italy)

ABS 20. A STRIDOR THAT YOU DON'T EXPECT!

D. Congiu, M. Furno, P. Neroni, G. Ottanello – Cagliari (Italy)

ABS 21. METABOLOMICS OF HUMAN BREAST MILK: PRELIMINARY RESULTS ON THE IMPORTANCE OF SECRETOR PHENOTYPE

G. Pruneddu, F. Cesare Marincola, D.D. Briana, S. Gavrilis, S. Georgantzi, A. Dessi, S. Corbu, A. Noto, R. Pintus, V. Fanos, A. Malamitsi-Puchner – Cagliari (Italy) and Athens (Greece)

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Selected abstracts are from researchers of 16 countries: Belgium, Canada, France, Greece, Italy, Japan, Malta, The Netherlands, Romania, Spain, Sweden, Switzerland, Turkey, UK, Ukraine, USA and will participate to the 4 prizes. The list includes the 94 abstracts selected among those received. Abstracts no. 32, 47, 49, 54, 58, 61, 78, 80, 86, 89, 91, 92, 94 will not be presented orally. All the other abstracts will be presented as posters and discussed on **Thursday, October 26th, 2017 (abstracts no. 1-41)** and on **Friday, October 27th, 2017 (abstracts no. 42-94)**.

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**3^o Workshop Avanzato di Nutrizione Neonatale e Pediatrica
25 giugno, 2018
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	IVA esclusa	IVA inclusa
Medici	€ 75,00	€ 91,50
Infermieri	€ 35,00	€ 42,70

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Medici	€ 50,00	€ 61,00
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4th International Course on Perinatal Pathology

Sabato/Saturday, October 28th, 2017 · Mattina/Morning

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- ▶ 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.
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- ▶ **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:
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 - 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, Pathology and Family Pediatricians. The DOHaD course on Saturday will not receive credits.

CERTIFICATE OF ATTENDANCE

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

PROCEEDINGS

- The accepted lectures and posters/abstracts will be published in the Journal of Pediatric and Neonatal Individualized Medicine (www.jpnim.com).

OFFICIAL LANGUAGES

English and Italian. On Wednesday, the sessions will be in Italian only. On Thursday and Friday, the sessions will be in Italian/English with simultaneous translation, with the exception of the 12th edition of the “Terra di Sardegna” Meeting on Neonatal Nursing, which will be in Italian only. On Saturday morning, the sessions will be in Italian only, with slides in English; on Saturday afternoon, the sessions will be in Italian only.

ACKNOWLEDGEMENTS

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

**SEDI DEI CONGRESSI**

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, Anatomia Patologica e Pediatria di Famiglia. Il corso di sabato sulla DOHaD non è associato a crediti formativi.

CERTIFICATO DI FREQUENZA

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

ATTI DEL CONGRESSO

- Gli atti e i poster/abstract accettati saranno pubblicati sul Journal of Pediatric and Neonatal Individualized Medicine (www.jpnim.com).

LINGUE UFFICIALI

Inglese e italiano. Nel giorno di Mercoledì, le sessioni saranno solo in italiano. Nei giorni di Giovedì e Venerdì, le sessioni saranno in italiano/inglese con traduzione simultanea, ad eccezione dei corsi del XII Convegno Neonatologico Infermieristico “Terra di Sardegna”, che saranno in italiano. Sabato mattina, le sessioni saranno in italiano con diapositive in inglese; sabato pomeriggio, le sessioni saranno solo in italiano.

RINGRAZIAMENTI

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



Pictures by Eleonora Fanos



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Official Journal UENPS
(Union of European Neonatal
& Perinatal Societies)

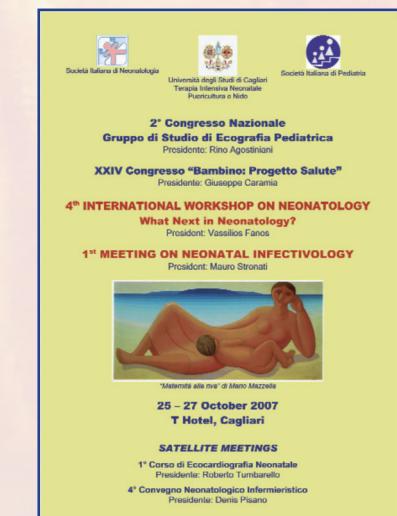
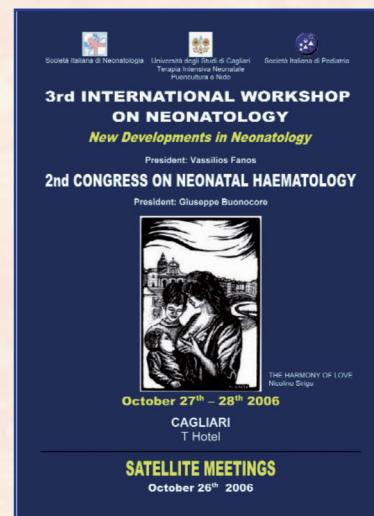
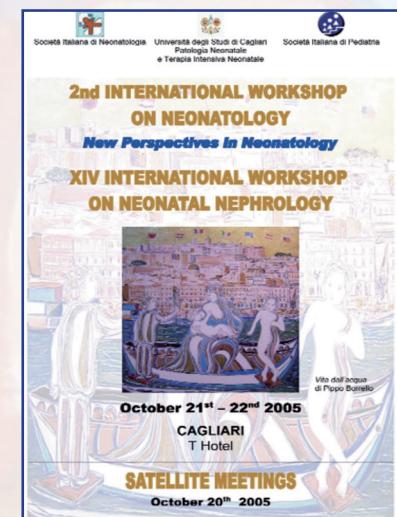
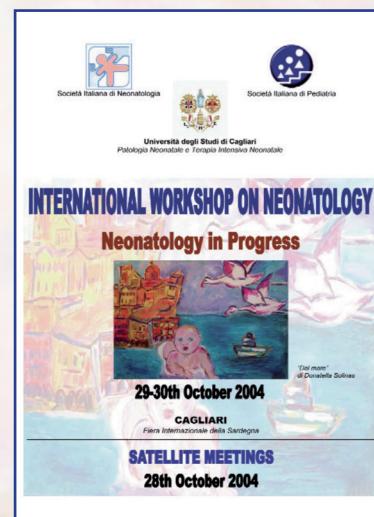


Official Journal of the
Portuguese Neonatal Society
(affiliated to the Portuguese
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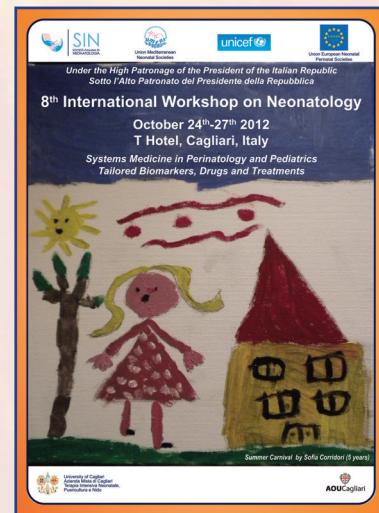
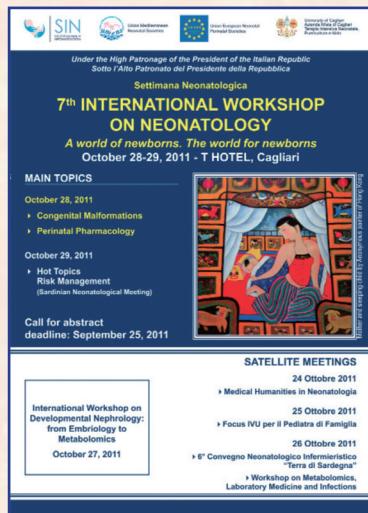
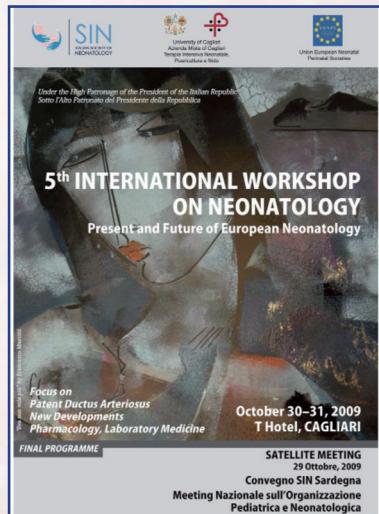


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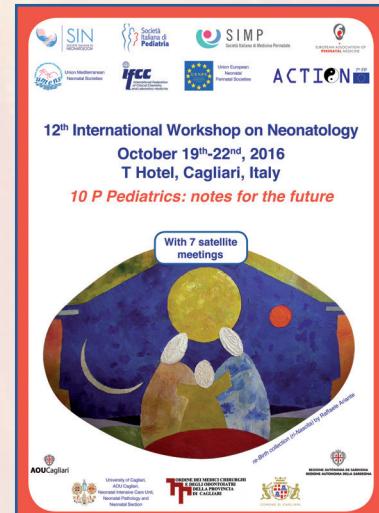
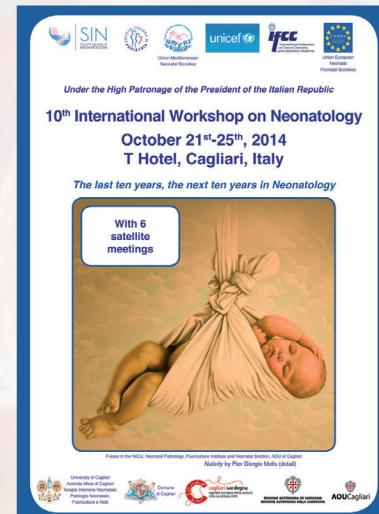
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History of past Workshops (continued from previous page)



History of past Workshops (continued from previous page)



Cagliari, a beautiful place to visit



Cagliari, a beautiful place to visit



Pictures by Eleonora Fanos

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



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