November 14

09h00 – 17h00 - 5 Pre-Congress Courses

1. Family Centred Developmentally Supportive Care – Coordinator: Bjorn Westrup
   - Family Aspects - Silke Mader
   - Understanding the Preterm Brain: Impact of Preterm Birth on the Developing Brain - Matthias Keller
   - NIDCAP - Nikk Conneman
   - Post-Discharge Intervention - Rod Hedlund
   - Systems Perspective, Scientific Evidence and Implementation Experiences - Björn Westrup
   - Video Session Interactive Work Shop- From NICU to Home - Nikk Conneman, Rod Hedlund, Björn Westrup
   - Reflective Group Discussions

2. Neonatal Pain: Recognition and Management – Coordinator: Giuseppe Buonocore
   - Neonatal Pain: Is it Prehystory? - Giuseppe Buonocore
   - The Pharmacocynetics of Analgesic Drugs in Neonatology. - Karel Allegaert
   - Do We Still Hurt Newborn Babies? Pain in the NICUs. - Ricardo Carbajal
   - Two Easy Tools: Sensorial Saturation and ABC Pain Scale. - Carlo Bellieni

3. Neonatal Resuscitation - Coordinator: Mario Rudiger
   - Introduction. M.Rüdiger
   - The Video-Apgar trial. H.Küster
   - Technical Equipment, Other Requirements and Thermocontrol - Roland Wauer
   - How to Evaluate the Postnatal Condition - M.Rüdiger
   - Theory of Resuscitation – Comparison of international guidelines - Roland Wauer
   - Theory of Resuscitation – Bad habits and green apples - H.Küster
   - The First Breath or How to Get Air Into the Lung – Theoretical Aspects. M.Rüdiger
   - The First Breath or How to Get Air Into the Lung – Practical Aspects - H.Küster
   - Between Each Block Video Recordings of Delivery Room Management Are Shown

4. Brain Monitoring – Coordinator : Frank Van Bel
   Morning: Theory
   - Basic and Technical Aspects of NIRS - Gunnar Naulaers
   - Physiology of Cerebral Oxygenation Monitoring in the Neonate - Frank Van Bel
   - Practical Issues of Monitoring Cerebral Oxygenation and Electrical Brain Activity - Petra Lemmers
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Afternoon:
- Interactive Session With Cases
- Quiz

5. Mechanical Ventilation – Coordinator: Manuel Sanchez-Luna

Introduction:
- Respiratory Physiology of the Newborn Infant
- Respiratory Adaptation to Delivery
- The Term Infant With Respiratory Distress
- The Preterm Infant at Delivery
- Respiratory Distress of the Preterm Infant
- The BPD Evolving Infant

Respiratory Support
- How to Support the Respiratory System
- Non-Invasive Support
  - From Nasal Cannula to Non-Invasive Respiratory Ventilation
- Invasive Respiratory Support
  - Standard Invasive Ventilation
  - Synchronization
  - Volume Target Ventilation
  - New Modalities of Invasive Respiratory Support in the Newborn Infant
  - HFOV
  - Weaning Strategies
- A Practical Approach to:
  - Gentle Ventilation
  - Permissive Hypercapnia
  - Surfactant Administration

Speakers:
- Manuel Sanchez-Luna
- Camilla Gizzi
- Ester Sanz
- Elena Maderuelo

November 14

17h00-17h30 Opening Statments: Hercilia Guimarães, Giuseppe Buonocore

17h30-18h15 Opening Lecture: The Past and Future in Neonatology. George Simbruner

18h15-19h15 The Birth Adventure Over Time – Amélia Ricon Ferraz, Luigi Cataldi

19h30-21h00 Wellcome Coktail
# Preliminary Programme

## 3rd UENPS Congress

### Portugal, Porto, November 14 – 17, 2012

## November 15

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<td>08h00-09h00</td>
<td>Oral Communications (Arquivo, Infante and Dª. Maria)</td>
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<td>Nelly Jekova, Maria Beatriz Guedes – Plenary Room</td>
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<td>Aspaziga Sofijanova, Daniel Virella – Infante Room (Room 2)</td>
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### 09h00-11h00 Perinatal Session I– Plenary Session

**Arquivo Room**

- Fetal Growth Restriction - Revisiting the Definition – **Nuno Montenegro**
- Twin-to-twin Transfusion Syndrome Versus Selective Fetal Growth Restriction, in Monochorionic Twins – **Jader Cruz**
- Metabolomics In Perinatology: Where Are We Now? - **Vassilios Fanos**
- IUGR: The Obstetrical Challenge and the Neonatal Outcome - **Apostolos Papageorgiou**

#### 11:00 - 11:30 Coffee break, E- Poster Viewing and Visit Exhibition

### 11h30-13h00 Neonatal Infection I – Parallel Session

**Arquivo Room**

- Nosocomial Infection in The NICU - Advantages Of Prospective Surveillance - **Teresa Neto**
- Pharmacokinetics and Pharmacodynamics of Antibiotics – Practical Implications In Neonatal Sepsis - **Tuuli Metsvaht**
- Infections in VLBW Infants - Current Situation in Germany – **Egbert Herting**
- Prevention of Hospital-acquired Infection in VLBW Infants - EuroNeoKiss Trial - **Adolf Valls-i-Soler**

### 11h30-13h00 UENPS – ESN/ESPR Session I

**Infante Room**

- Management and Outcome of Extremely Low Birth Weight Infants - **Apostolos Papageorgiou**
- Follow-Up Of Portuguese ELBW Infants - **Teresa Tomé**
- Late Preterm Deliveries, A New Severe Perinatal Problem – **Elena Maderuelo**
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D. Maria Room
11h30-13h00 Developmental Care
Chairs: Hugo Lagercrantz, Fátima Clemente

- The Social Brain- How We Create a Community- Nikk Conneman
- Systems Perspective of Family Centered Developmentally Supportive Care - Bjorn Westrup
- Supporting the Neurobehavioral Organization and Psychological Development of the Newborn From Hospital to Home - Rod Hedlund

13h00-14h30 Lunch, E- Poster Viewing, Visit Exhibition and Symposium

Arquivo Room
14h30-16h30 Neonatal Neurology I - Plenary Session
Chairs: Apostolos Papageorgiou, Almerinda Pereira

- Clinical and Molecular Pharmacologic Strategies for Prevention of Retinopathy of Prematurity (ROP) - Jacob Aranda
- Oxidative Stress - Giuseppe Buonocore
- Pharmacological Neuroprotection After Perinatal Asphyxia - Frank Van Bel
- Making of the Brain and the Emergence of Consciousness - Hugo Lagercrantz

16:30 -17:00 Coffee break, E- Poster Viewing and Visit Exhibition

Arquivo Room
17h00-18h30 Neonatal Neurology II - Parallel Session
Chairs: Gyorgy Balla, Carlos Moniz

- Near Infrared Spectroscopy (NIRS) - Measured Cerebral Oxygenation in Very Preterm Neonates: Reliability And Pitfalls - Frank Van Bel
- Biomarkers Of HIE - Matthias Keller
- Monitoring Cerebral Oxygenation in Extremely Preterm Neonates During The Immediate Transitional Period: Its Clinical Relevance - Petra Lemmers

Infante Room
17h00-18h30 Nutrition I
Chairs: Bart Overmeire, Susana Pissarra

- Intestinal Microbiota in Premature Infants - An Update"- Maka Mshvildadze
- Monitoring the Neonatal Gastrointestinal Circulation and Oxygenation Using Near Infrared Spectroscopy (NIRS) - Gunnar Naulaers
- Interventions for Improving the Gastrointestinal Motility of VLBW Infants
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- Gounaris K. Antonios

D. Maria Room
17h30-18h30 Neonatal Lung I
Chairs: Anselmo Costa, Manuel Sanchez-Luna

- Alveolar Capillary Dysplasia, the Hidden Disease - Ester Sanz
- Use of Surfactant In Meconium Aspiration Syndrome - Combination of Bronchoalveolar Lavage and Bolus Instillation - Borisav Jankovic
- Surfactant and CPAP - Egbert Herting
- The Pathogenesis of New BPD: Evidence from Bronchoalveolar Lavage Studies – Luc Zimmermann

18h30-19h30 Plenary Satellite Symposium Sponsored By (To Be Defined) Arquivo Room

20h00 Faculty Dinner

November 16

08h00-09h00 Oral Communications (Arquivo, Infante and Dª. Maria)
Chairs: Suada Helejic, Rosalina Barroso – Plenary Room
Kate Piperkova, Maria José de Castro - Infante Room (Room 3)
Ia Davitaia, Mário Branco - Dª. Maria Room (Room 3)

Arquivo Room
09h00-11h00 Neonatal Hematology And Immunology - Plenary Session
Chairs: Jacob Aranda, Lincoln Justo da Silva

- Characteristics of Neonatal Haematology - Robert Christensen
- Anemia in the Preterm Infants: Erythrocyte Transfusions Vs EPO - Soubasi Vassiliki
- Platelet Transfusion: When and How? - Robert Christensen
- Blood Regulatory T-Cells in Very Low Birth Weight Neonates - Silvia Sanchez Ramón

11:00-11:30 Coffee break, E- Poster Viewing and Visit Exhibition

Arquivo Room
11h30-13h00 UENPS – ESN/ESPR Session II - Parallel Session
Chairs: Murat Yudarkok, Teresa Neto

- How to Improve the Maternal and Neonatal Mortality in the World? - Maria Do Céu Machado
- Neonatal Couplet Care: Advantages and Challenges - Bjorn Westrup
- Perinatal Asphyxia: Lessons From Metabolomics and Histology - Vassilios Fanos
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- Daily Exposure to Recorded Maternal Sounds During NICU Hospitalization: Effects on Respiratory and Growth Outcomes – Amir Lahav

Infante Room
11h30-13h00 Perinatal Session II
   Chairs: Mats Blennow, Nuno Montenegro

- Prenatal Intervention In Diaphragmatic Hernia – Jorge Correia Pinto
- How to Evaluate a Newborn Infant in the Delivery Room? - Mario Ruediger
- Newborns From IVF in NICU in Serbia - Georgios Konstantinidis

D. Maria Room
11h30-13h00 Quality And Safety In NICUS
   Chairs: Boris Filipovic, Teresa Tomé

- The Stress Due to Physical Pollutants in The NICU (Noise, Electromagnetic Waves, Lights) - Carlo Bellieni
- Safety in The NICU - Israel Macedo
- Burnout in Doctors (or Nurses or Staff) Working in the NICU - Carlo Bellieni
- What is Helpful to Develop a Good Functioning NICU in Eastern Europe – Peter Krcho

13h00-14h30 Lunch, E- Poster Viewing, Visit Exhibition and Symposium

Arquivo Room
14h30-16h30 Neonatal Lung II - Plenary Session
   Chairs: Peter Krcho, João Videira Amaral

- Acute to Chronic Lung Disease - Hercília Guimaraes
- Strategies to Prevent Damage of the Immature Lung – Manuel Sanchez-Luna
- Weaning from Mechanical Ventilation - Camilla Gizzi
- The Treatment of Severe Bronchopulmonary Dysplasia – Corrado Moretti

16:30 -17:00 Coffee break, E- Poster Viewing and Visit Exhibition

Arquivo Room
17h00-18h30 Neonatal Pharmacology I – Parallel Session
   Chairs: Gunnar Naulaers, Gorett Silva

- Clinical Pharmacology in the Era of Hypothermia - Karel Allegaert
- Caffeine- The Wonder Drug for Newborns: Current Debates - Jacob Aranda
- Growth Factors: Indications and Limits - Robert Christensen
Infante Room
17h00-18h30 Neonatal Infection II
   Chairs: Adolf Valls i Soller, José Luís Fonseca
   - Diagnosis of Neonatal Infections - Helmut Kuster
   - Chorioamnionitis and Neonatal Morbidity - Gustavo Rocha
   - NEC, Chorioamnionitis and Breast-Feeding - Ester Sanz
   - Invasive Candida Infection in Extremely Preterm Infants - Eren Ozek

Dª. Maria Room
17h00-18h30 Neonatal Lung III
   Chairs: Egbert Herting, José Pombeiro
   - Surfactant Replacement Therapy-New Formulations, New Modes of Delivery - Janusz Gadzinowski
   - Transient Tachypnea of the Newborn: What is New? - Murat Yurdakok
   - Therapy of PPHN, Medical Strategies – Manuel Sanchez-Luna

18h30-19h30 Plenary Satellite Symposium Sponsored By (To Be Defined) Arquivo Room

20h00 Gala Dinner at a Port Wine Cellar
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November 17

Arquivo Rom
08h30-10h30 European Peri/Neonatal Networks – Parallel Session
Chairs: Eli Saliba, Manuel Cunha

- EuroNeoNet. A Platform for Neonatal Clinical Trials. Adolf Valls-i-Soler
- Portuguese Very Low Birth Weight Infant Network. Gabriela Mimoso
- The Italian Neonatal Network: a Community of Practice for Quality Improvement within the Vermont Oxford Network. Roberto Bellu
- NIQ – One Time Data Input for All Networks and for Online Quality Comparison to Other Hospitals - Helmut Kuster
- EPICure - Kate Costeloe

Infante Room
08h30-10h30 Nutrition II – Parallel Session
Chairs: Heili Varendi, José Luís Nunes

- Composition of the Mother Milk During the First Five Days in Low and High Risk Population - P. Krcho, J. Bazarova
- Should the Use of Probiotics in the Preterm Be Routine? - Kate Costeloe
- Should We Start Early With Omega-3 Fatty Acids Intravenous Supplementation in Preterm Neonates - Ryszard Lauterbach
- Can We Stimulate Neural Development in Very Preterm Infants By Early Nutritional Interventions and Still Prevent the Onset of the Metabolic Syndrome in Later Life? - Harrie Lafeber

10:30 -11:00 Coffee break, E- Poster Viewing and Visit Exhibition

Arquivo Room
11h00-12h30 Pharmacology II - Parallel Session
Chairs: Kosmas Sarafidis, Helena Carreiro

- From Indomethacin to Ibuprofen, Are We Better? Bart Van Overmeire
- Metabolomics: A New Tool for Individualized Therapy in Neonatology, But What Do We Really Know - Mathias Keller
- Neonatal Exposure to Excipients in Europe: Results of the ESNEE Survey - Heili Varendi
- Clinical Pharmacology of Analgesics - Karel Allegaert
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Infante Room
11h00-12h30 Neonatal Nephrology - Parallel Session
Chairs: Fani Anatolitou, Maria José Costeira

- Perinatal Programming and the Kidney - Vassilios Fanos
- Preterm and the Kidney: Clinical Pharmacology as Applied Renal Physiology - Karel Allegaert
- Diagnosis and Treatment of The Acute Renal Failure in Neonates - Helena Jardim

World Prematurity Day – EFCNI

12h30-14h00 UENPS General Council

12h30-14h00 Lunch, E- Poster Viewing, Visit Exhibition

Arquivo Room
14h00 – 15h30 UENPS – ESN/ESPR Session III - Plenary Session
Education And Research On Neonatology
Chairs: Giuseppe Buonocore, Maria do céu Machado

- Medical Publishing - Hugo Langercrantz
- Harmonizing the Education of the Future European Neonatologist - Mats Blennow
- Research in Newborns – Is it Really Necessary? - Mario Ruediger

15h30-17h30 Academic Olympics (Final)

17h30-18h00 Closing Ceremony