

1st Congress of joint European Neonatal Societies

Budapest, September 15th - 20th 2015

HungExpo

Scientific Program

Artúr Beke

Hungarian Society

Morten Breindahl

ESN Society

Giuseppe Buonocore

UENPS Society

Pierre Gressens

ESPR Society

Silke Mader

EFCNI

Manuel Sánchez-Luna

UENPS Society

Luc Zimmermann

ESPR Society

Karen New

COINN

Program Updated on February 2nd 2015

General Summary

Tuesday, September 15th, 2015	5
ESN Course 1: Lung	5
Nurses Pre Course (with translation in Hungarian)	6
Wednesday, September 16th, 2015	7
Haematological problems in neonatal period	7
Neonatal Transportation	8
ESN course 2: Brain MRI	10
Nutrition for the preterm & breastfeeding	11
Neonatal Infections	12
Family-centred care	13
Cohort Studies	14
Near-infrared Spectroscopy	15
Wednesday, September 16th, 2015	16
Plenary Session: Welcome	16
Thursday, September 17th, 2015	17
Parallel Session: New ways for diagnostics and imaging lung diseases	17
Parallel Session: Ethics track I	17
Parallel Session: Systems medicine in neonatology	18
Parallel Session: Metabolism and nutrition track I	18
Parallel Session: Brain track I	19
Parallel Session: Care in neonates	19
Plenary Session: Stem cells	20
Poster Session:	20
Poster Session:	20
Poster Session:	20
Poster Session:	20
Poster Session:	20
Poster Session:	20
Parallel Session: Antibiotic resistance & antibiotic stewardship	21
Parallel Session: Cardiovascular track I	21
Parallel Session: Genetics track I	22

Parallel Session: Epidemiology track I	22
Parallel Session: Brain track II	23
Parallel Session: Dealing with death	23
Plenary Session: Bengt Robertson Honorary	23
Satellite Symposium:	24
Friday, September 18th, 2015	25
Plenary Session: Young Investigator Prize session	25
Parallel session: Metabolism and nutrition track II	25
Parallel Session: New surfactants/surfactant protection	26
Parallel Session: Pharmacology and AB	26
Parallel Session: Pharmacology track I	26
Parallel session: Brain track III	27
Parallel Session: Patient-centred and developmentally supportive care	27
Poster Session:	28
Poster Session:	28
Poster Session:	28
Poster Session:	28
Poster Session:	28
Poster Session:	28
Parallel Session: Brain track IV	28
Parallel Session: Cardiovascular track II	29
Parallel Session: Genetics track II	29
Parallel Session: Epidemiology track II	30
Parallel Session: Human milk for the smallest: Breast-feeding in the NICU	30
Plenary Session:	31
Satellite Symposium:	31
Saturday, September 19th, 2015	32
Parallel Session: Metabolism and nutrition track III	32
Parallel Session: Respiratory support	32
Parallel Session: Infection track III	33
Parallel Session: Pharmacology track II	33
Parallel Session: Brain track V	34

Parallel Session: Cardiovascular track III	34
IPRF Plenary Session	35
Poster Session:	35
Poster Session:	35
Poster Session:	35
Poster Session:	35
Poster Session:	35
Poster Session:	35
Parallel Session: Epidemiology track III	36
Parallel Session: NICU design	36
Parallel Session: Preterm-related diseases & inflammation	37
Parallel Session: Metabolism and nutrition track IV	37
Parallel Session: Brain track VI	38
Parallel Session: Communication with parents for neonatal professionals	38
Sunday, September 20th, 2015	39
Parallel Session: The prevention of Rh diseases: a Global Eradication Program	39
Parallel Session: BPD	39
Parallel Session: Microbiome	40
Parallel Session: Pharmacology track III	40
Parallel Session: Brain track VII	41
Parallel Session: EFCNI track VI	41
Plenary Session:	41

Tuesday, September 15th, 2015

09:00-17:00

HALL 1

ESN Course 1: Lung

“industry-sponsored course” (please see part 2 page.....)

09:00-17:00

HALL 2

Nurses Pre Course (with translation in Hungarian)

- 09:00-09:30 **THE COUNCIL OF INTERNATIONAL NEONATAL NURSES- CONNECTING NEONATAL NURSES GLOBALLY**
K. New COINN President, Australia
- 09:30-10:00 **NURSING ROLES - NEONATAL NURSING IN EUROPE, BACKGROUND, EDUCATION, DIVERSITY AMONGST EUROPE NEONATAL NURSING ROLES, FROM BEDSIDE TO RESEARCH AND VICE VERSA (ANP ROLES, NURSING RESEARCH IN NEONATOLOGY AMONGST EUROPE)**
TBD
- 10:00-10:30 *Coffee break*
- 10:30-11:00 **NEONATAL NURSES AND THE EVERY NEWBORN ACTION PLAN - OUR ROLE**
K. New COINN President, Australia
- 11:00 - 11:30 **E-DELPHI STUDY PRESENTING RESULTS OF NURSING RESEARCH PRIORITIES IN EUROPE**
A. van den Hoogen Utrecht, The Netherlands
- 11:30 - 12:00 **EXPLORING THE EDUCATION & CLINICAL PRACTICE NEEDS OF NEONATAL NURSES (AND FAMILIES) IN EUROPE - AN OPEN FORUM**
K. New COINN President, Australia; *A. van den Hoogen* Utrecht, The Netherlands
- 12:00 - 13:00 Lunch
- 13.00-13.30 **SKIN STRUCTURE AND FUNCTION**
- 13:30 - 14:45 **NEONATAL SKIN CARE - TRANSLATING AND APPLYING THE EVIDENCE TO CLINICAL PRACTICE**
D. August Australia

Wednesday, September 16th, 2015

09:00-17:00

PLENARY HALL

Haematological problems in neonatal period

- 09:00 - 09:45 **ANEMIA IN THE NEONATAL PERIOD**
- 09:45 - 10:30 **IDENTIFYING NEONATES LIKELY TO BENEFIT FROM A RED BLOOD CELL TRANSFUSION**
- 10:30 - 11:15 **THE APPROPRIATE USE OF BLOOD**
S. Perrone
- 11:15 - 11:30 Coffee Break
- 11:30 - 12:15 **PATHOPHYSIOLOGY OF COAGULATION AND DEFICIENCIES OF COAGULATION FACTORS IN THE NEWBORN**
C. Dame Berlin, Germany
- 12:15 - 13:00 **RISK OF THROMBOSIS IN THE NEWBORN**
- 13:00 - 14:00 Lunch
- 14:00 - 14:45 **COAGULATION DISORDERS: INFLAMMATION AND THROMBOSIS**
- 14:45 - 15:30 **THROMBOCITOPENIA: CLINICAL ASPECTS**
A. Del Vecchio Bari, Italy
- 15:30 - 16:15 **POLYCYTHEMIA AND HYPERVISCOSITY**

09:00-17:00

HALL 1

Neonatal Transportation

08:30 - 09:00 Registration, coffee

INTRODUCTION TO BURNING PLATFORMS IN NEONATAL TRANSPORTATION

09:00 - 09:05 INTRODUCTION, AGENDA
M. Breindahl Copenhagen, Denmark

09:05 - 09:30 BURNING PLATFORMS IN NEONATAL TRANSPORTATION
M. Breindahl Copenhagen, Denmark - *M.T. Lluch* Australia - *S. Broster* UK

CLINICAL EXPERIENCE NO 1

09:30 - 10:00 NEO-PETS, COPENHAGEN
M. Breindahl Copenhagen, Denmark

10:00 - 10:30 Coffee break

CLINICAL MANAGEMENT OF THE SICK NEWBORN IN RETRIEVAL (INCLUDING STABILISATION AND TRANSFER)

10:30 - 11:00 VENTILATION PRINCIPLES, INCL. NO & HFOV
D. Null Utah, USA

11:00 - 11:30 CIRCULATORY SUPPORT, NO, ECMO ON WHEELS

11:30 - 12:00 THERAPEUTIC HYPOTHERMIA DURING TRANSPORT BASED ON THE ICE TRIAL

12:00 - 13:00 Lunch break

CLINICAL EXPERIENCE NO 2

13:00 - 13:30 ANTS, EAST OF ENGLAND
S. Broster UK

SKILLS IN TRIAGE, COMMUNICATION AND PRIORITIZATION

13:30 - 14:00 TRIAGE IN THEORY AND PRAXIS, PRIORITISATION OF TRANSPORT REQUESTS

1400 - 1430 COMMUNICATION WITH REFERRING AND RECEIVING UNIT

THE IMPORTANCE OF SAFETY IN TRANSPORT

14:30 - 15:00 SAFETY ISSUES FOR THE INFANTS AND THE TRANSPORT STAFF, PARENTS ON BOARD?

1500 - 1530 Coffee break

CLINICAL EXPERIENCE NO 3.

15:30 - 16:00 **PIPER AND THE ROLE OF NETS IN STATEWIDE NEONATAL EDUCATION, MELBOURNE**
M.T. Lluch Australia

GOVERNANCE, LEGAL ASPECTS OF TRANSPORT MEDICINE, EDUCATION AND TRAINING

16:00 - 16:25 **RESPONSIBILITIES - AND GREY AREAS**
S. Broster UK

16:25 - 16:50 **TRANSPORT TEAM EDUCATION, EXPERIENCE, PERSONAL QUALIFICATIONS**

16:50 - 17:00 **SUMMARY, EVALUATION AND NEXT STEPS**
M. Breindahl Copenhagen, Denmark - M.T. Lluch Australia - S. Broster UK

09:00-17:00

HALL 2

ESN course 2: Brain MRI

09.00-17.00

HALL 3

Nutrition for the preterm & breastfeeding

- 09:00-09:30 **UNIQUE FEATURES OF HUMAN MILK**
H. Varendi Tartu, Estonia
- 09:30 - 10:00 **EARLY FEEDING OF FORTIFIED BREAST MILK**
- 10:00-10:30 **CMV INFECTION PROPHYLAXIS RELATED TO BREAST MILK FEEDING IN PRETERM INFANTS**
- 10:30-11:00 Coffee Break
- 11:00-11:30 **BENEFITS OF DONOR HUMAN MILK FOR PRETERM INFANTS**
S. Arslanoglu İzmir, Turkey
- 11:30-12:00 **HUMAN MILK BANKING IN EUROPE: ACTUAL SITUATION AND EUROPEAN SURVEY**
S. Arslanoglu İzmir, Turkey
- 12:00-12:30 **INTERNATIONAL STANDARDIZATION OF HUMAN MILK BANK (ISO 9001): SIENA EXPERIENCE**
- 12:30-13:30 Lunch
- 13:30-14:00 **LUTEIN: CHARACTERISTICS AND NEEDS**
G. Buonocore Siena, Italy
- 14:00-14:30 **IRON PROPHYLAXIS AND TREATMENT DURING BREASTFEEDING**
M. Domellöf Umea, Sweden
- 14:30-15:00 **PREVENTION OF NEC**
J. Neu Gainesville, USA
- 15:00-15:30 Coffee break
- 15:30-16:00 **LC-PUFA REQUIREMENTS FOR PRETERM NEONATES**
M. Makrides Adelaide, Australia
- 16:00-16:30 **FEEDING THE PRETERM AFTER DISCHARGE**
A. Lapillonne France
- 16:30 **CONCLUSIONS**

09:00-17:00

HALL 4

Neonatal Infections

- 08:45 - 09:00 **WELCOME & INTRODUCTION**
- 09:00 - 09:15 **SURVEY - HAND HYGIENE**
- 09:15 - 10:00 **CHORIONAMNIONITIS AND PRENATAL INFECTIONS**
B. Kramer Maastricht, The Netherlands
- 10:00 - 10:30 *Coffee*
- 10:30-11:15 **PREVENTION OF GROUP B STREPTOCOCCAL INFECTION: AN UPDATE**
P. Manzoni Turin, Italy
- 11:15-12:00 **NOSOCOMIAL INFECTIONS: STRATEGIES FOR PREVENTION AND MANAGEMENT**
D. Haumont Brussels, Belgium
- 12:00 - 12:30 **USE AND MISUSE OF ANTIBIOTICS IN NOSOCOMIAL INFECTIONS**
K. Allegaert Leuven, Belgium
- 12:30 - 13:30 *Lunch*
- 13:30 - 14:15 **HOW TO APPROACH ENTEROVIRUS SEPSIS IN NICU**
E. Zamora Flores Madrid, Spain
- 14:15 - 15:00 **RSV IN THE NEONATAL UNIT AND BEYOND**
- 15:00 - 15:30 *Coffee*
- 15:30 - 16:30 **PREVENTION OF NEONATAL FUNGAL INFECTIONS**
P. Manzoni Turin, Italy
- 16:30-17:30 **PANEL DEBATE: WHICH PRACTICES TO DECREASE INFECTIONS IN NICU?**
All speakers
- 17:30 **CONCLUSIONS**

09:00-17:00

HALL 5

Family-centred care

- 9:00 - 9:45 **THE EVIDENCE BASE AND SYSTEMS PERSPECTIVES OF EARLY BRAIN PROTECTIVE INTERVENTIONS**
- 9:45 - 10:30 **SUPPORTING SENSORY AND BRAIN DEVELOPMENT OF VERY LOW BIRTH WEIGHT INFANTS IN THE NICU**
N. Conneman Rotterdam, The Netherlands
- 10:30 - 12:30 **FAMILY AND INFANT NEURO-DEVELOPMENTAL EDUCATION (FINE) - AN EDUCATIONAL MODEL FOR BRIDGING THE GAP BETWEEN THEORY AND PRACTICE**
I. Waren London, UK; *M. Oude Reimer* Rotterdam, The Netherlands
- 12:30 - 13:30 Lunch break
- 13:30 - 14:15 **NECESSARY INGREDIENTS FOR LONG TERM FOLLOW UP CARE OF PREMATURE INFANTS: CARE, NOTICE, STUDY**
A. van Wassenaer-Leemhuis Amsterdam, The Netherlands
- 14:15 - 15:00 **GOING HOME SAFELY: FACILITATING DISCHARGE FROM THE NICU?**
B. Hüning Essen, Germany
- 15:00 - 17:00 **TOP - A PREVENTIVE DEVELOPMENTAL INTERVENTION PROGRAM FOR PRETERM INFANTS AND THEIR PARENTS**
K. Koldewijn Amsterdam, The Netherlands; *M.J. Wolf* Amsterdam, The Netherlands

09:00-17:00

HALL 6

Cohort Studies

09:00-17:00

HALL 7

Near-infrared Spectroscopy

- NIRS: introduction to the principles of biomedical optics
- NIRS in clinical practice: is it a clinically valid tool?
- NIRS measurements outside the brain: peripheral and somatic measurement of tissue/organ oxygenation
- Cerebral autoregulation measured using NIRS
- Signal processing in NIRS
- Functional NIRS

Wednesday, September 16th, 2015

17:30-19:00

PLENARY HALL

Plenary Session: Welcome

Chairpersons:

17:30-17:40 HONOURING ADOLF VALLS I SOLER
H. Hummler Ulm, Germany

17:40-18:00 NICU OF THE FUTURE
R. White South Bend, USA

18:00-18:30 MICRORNA AS BIOMARKER OF DISEASE IN PRETERM INFANTS
M.C. Albertini Urbino, Italy

18:30-19:00 THE UNMET NEEDS OF PERINATAL MEDICINE - MULTIDISCIPLINARY APPROACH OF THE FUTURE
*S. Mader (Parents), L. Storari (Industry), D. Haumont (Neonatologist),
A. Van den Hoogen (Nurses)
Facilitators: G.C. Di Renzo (FIGO secretary), N. Marlow (Past President ESPR)*

19:00-22:00

EXHIBITION & POSTER AREA

19:00-22:00 Welcome Reception

Thursday, September 17th, 2015

09:00-11:00

PLENARY HALL

Parallel Session: New ways for diagnostics and imaging lung diseases

Chairpersons:

- 09:00-09:20 **4D CT OF THE LUNG**
S. Hooper Monash, Australia
- 09:20-09:40 **FUNCTIONAL APPLICATIONS OF LUNG ULTRASOUND TO NEONATAL RESPIRATORY DISEASE**
F. Raimondi Naples, Italy
- 09:40-10:00 **LUNG ULTRASOUND AND RESPIRATORY SUPPORT**
P. Cattarosi Udine, Italy
- 10:00-10:15 **ORAL COMMUNICATION**
- 10:15-10:30 **ORAL COMMUNICATION**
- 10:30-10:45 **ORAL COMMUNICATION**
- 10:45-11:00 **ORAL COMMUNICATION**

09:00-11:00

HALL 1

Parallel Session: Ethics track I

Chairpersons:

- 09:00-09:20 **ETHICAL QUESTIONS/CLINICAL RESEARCH**
- 09:20-09:40 **BIOETHICS AT THE BEDSIDE IN THE NICU**
- 09:40-09:55 **ORAL COMMUNICATION**
- 09:55-10:10 **ORAL COMMUNICATION**
- 10:10-10:25 **ORAL COMMUNICATION**
- 10:25-10:40 **ORAL COMMUNICATION**
- 10:40-10:55 **ORAL COMMUNICATION**

09:00-11:00

HALL 2

Parallel Session: Systems medicine in neonatology

Chairpersons:

09:00-09:20 **WHAT IS SYSTEMS MEDICINE?**

C. Auffray Lyon, France

09:40-10:00 **ONE EXAMPLE**

10:00-10:15 **ORAL COMMUNICATION**

10:15-10:30 **ORAL COMMUNICATION**

10:30-10:45 **ORAL COMMUNICATION**

10:45-11:00 **ORAL COMMUNICATION**

09:00-11:00

HALL 3

Parallel Session: Metabolism and nutrition track I

Chairpersons:

09:00-09:40 **UPDATE ON IRON METABOLISM & IRON REQUIREMENTS IN PERINATOLOGY**

ROLE OF HEPCIDIN IN FETAL AND POSTNATAL LIFE

IRON SUPPLEMENTATION DURING PREGNANCY

M. Makrides Adelaide, Australia

IRON REQUIREMENTS OF INFANTS & TODDLERS

M. Domellöf Umea, Sweden

09:40-10:00 **TOPIC ON IRON OR LC-PUFA IN PERINATOLOGY**

M. Makrides Adelaide, Australia

10:00-10:15 **ORAL COMMUNICATION**

10:15-10:30 **ORAL COMMUNICATION**

10:30-10:45 **ORAL COMMUNICATION**

10:45-11:00 **ORAL COMMUNICATION**

09:00-11:00

HALL 4

Parallel Session: Brain track I

Chairpersons:

- 09:00-09:30 **THALAMO-CEREBELLAR CONNECTIVITY (MICE)**
F. Hoebeek Rotterdam, The Netherlands
- 09:30-10:00 **THALAMO-CORTICAL AND THALAMO-CEREBELLAR CONNECTIVITY**
S. Counsell London, UK
- 10:00-10:15 **ORAL COMMUNICATION**
- 10:15-10:30 **ORAL COMMUNICATION**
- 10:30-10:45 **ORAL COMMUNICATION**
- 10:45-11:00 **ORAL COMMUNICATION**

09:00-11:00

HALL 5

Parallel Session: Care in neonates

Chairpersons:

- 09:00-09:30 **EVIDENCE-BASED THERMAL CARE INTERVENTIONS**
- 09:30-10:00 **ACTIONS REQUIRED TO IMPROVE NEONATAL MORTALITY - THE EVERY NEWBORN ACTION PLAN**
K. New Queensland, Australia
- 10:00-10.30 **SKIN CARE, PRESSURE INJURIES AND MEASUREMENT TOOLS**
D. August Australia
- 10:30-11.00 **ACTION RESEARCH ON RELATIONSHIP CENTERED CARE**
C. Skene Sheffield, UK

11:30-12:30

PLENARY HALL

Plenary Session: Stem cells

Chairpersons:

11:30-11:35 **OPENING WORDS**

11:35-12:00 **STEM CELLS AND LUNG**
B. Kramer Maastricht, The Netherlands

12:00-12:25 **STEM CELLS AND BRAIN**
O. Baud Paris, France

12:25-12:30 **DISCUSSION**

13:30-15:00

PLENARY HALL

Poster Session:

13:30-15:00

HALL 1

Poster Session:

13:30-15:00

HALL 2

Poster Session:

13:30-15:00

HALL 3

Poster Session:

13:30-15:00

HALL 4

Poster Session:

13:30-15:00

HALL 5

Poster Session:

15:00-17:00

PLENARY HALL

Parallel Session: Antibiotic resistance & antibiotic stewardship

Chairpersons:

- 15:00-15:20 **HOW TO BALANCE THE INTERESTS OF MY PATIENTS AGAINST OF THE OTHER PATIENTS IN MY UNIT/HOSPITAL/SOCIETY**
G. Greisen Copenhagen, Denmark
- 15:20-15:40 **USE OF CLINICAL GUIDELINES IN ANTIMICROBIAL STEWARDSHIP**
P. Manzoni Turin, Italy
- 15:40-15:55 **ORAL COMMUNICATIONS**
- 15:55-16:10 **ORAL COMMUNICATIONS**
- 16:10-16:25 **ORAL COMMUNICATIONS**
- 16:25-16:40 **ORAL COMMUNICATIONS**
- 16:40-16:55 **ORAL COMMUNICATIONS**

15:00-17:00

HALL 1

Parallel Session: Cardiovascular track I

Chairpersons:

- 15:00-15:30 **LONG TERM CARDIOVASCULAR OUTCOMES OF PREMATUREITY**
S. Kotecha Cardiff, UK
- 15:30-16:00 **CIRCULATORY & CEREBRAL CHANGES AT BIRTH**
G. Pichler Graz, Austria
- 16:00-16:15 **ORAL COMMUNICATIONS**
- 16:15-16:30 **ORAL COMMUNICATIONS**
- 16:30-16:45 **ORAL COMMUNICATIONS**
- 16:45-17:00 **ORAL COMMUNICATIONS**

15:00-17:00

HALL 2

Parallel Session: Genetics track I

Chairpersons:

- 15:00-15:30 **MIGRATION DISORDERS**
R. Guerrini Florence, Italy
- 15:30-16:00 **GENETICS OF CONGENITAL MICROCEPHALIES (TO REDUCE A BIT THE FOCUS)**
A. Verloes Paris, France
- 16:00-16:15 **ORAL COMMUNICATIONS**
- 16:15-16:30 **ORAL COMMUNICATIONS**
- 16:30-16:45 **ORAL COMMUNICATIONS**
- 16:45-17:00 **ORAL COMMUNICATIONS**

15:00-17:00

HALL 3

Parallel Session: Epidemiology track I

Chairpersons:

- 15:00-15:20 **EPIPAGE 2**
- 15:20-15:40 **PERINATAL OUTCOME OF PREGNANCY WITHOUT ANTENATAL CARE**
H. Orvos Szeged, Hungary
- 15:40-16:00 **PRETERM DELIVERY IN HUNGARY**
A. Beke Budapest, Hungary
- 16:00-16:20 **IS IT TIME FOR AN UNIFIED EUROPEAN NEONATAL NETWORK?**
M. Weindling Liverpool, UK
- 16:20-16:30 **ORAL COMMUNICATIONS**
- 16:30-16:45 **ORAL COMMUNICATIONS**
- 16:45-17:00 **ORAL COMMUNICATIONS**

15:00-17:00

HALL 4

Parallel Session: Brain track II

Chairpersons:

- 15:00-15:30 **AUTISM**
P. Curatolo Rome, Italy
- 15:30-16:00 **AUTISM SPECTRUM SYMPTOMS AND VERY PRETERM BIRTH**
N. Marlow London, UK
- 16:00-16:15 ORAL COMMUNICATIONS
- 16:15-16:30 ORAL COMMUNICATIONS
- 16:30-16:45 ORAL COMMUNICATIONS
- 16:45-17:00 ORAL COMMUNICATIONS

15:00-17:00

HALL 5

Parallel Session: Dealing with death

Chairpersons: G. Greisen Copenhagen, Denmark; N. Marlow London, UK

- 15:00-15:20 **KEYNOTE LECTURE: JOINT DECISION MAKING IN NEONATAL PALLIATIVE CARE**
J. Latour Plymouth, UK
- 15:20-15:40 **PARENTS WITH A MUSLIM BACKGROUND**
M. Elbarbary Riyadh, Saudi Arabia
- 15:40-16:00 **PARENTS WITH A JEWISH BACKGROUND**
- 16:00-16:20 **PARENTS WITH A CHRISTIAN BACKGROUND**
J. Peters Munich, Germany
- 16:20-16:40 ORAL COMMUNICATIONS
- 16:40-17:00 ORAL COMMUNICATIONS

17:30-18:30

PLENARY HALL

Plenary Session: Bengt Robertson Honorary

Chairpersons:

17.30-18.00

18.00 -18.30 **BENGT ROBERTSON AWARD**

“industry-sponsored session” (please see part 2 page.....)

18:30-20:00

PLENARY HALL

Satellite Symposium:

Chairpersons:

“industry-sponsored session” (please see part 2 page.....)

Friday, September 18th, 2015

08:30-10:30

PLENARY HALL

Plenary Session: Young Investigator Prize session

Chairpersons:

- | | |
|-------------|--|
| 08:30-09:00 | THE ENDOPLAMIC RETICULUM STRESS
<i>W. Balduini Urbino, Italy</i> |
| 09:00-09:15 | ORAL COMMUNICATIONS |
| 09:15-09:30 | ORAL COMMUNICATIONS |
| 09:30-09:45 | ORAL COMMUNICATIONS |
| 09:45-10:00 | ORAL COMMUNICATIONS |
| 10:00-10:15 | ORAL COMMUNICATIONS |
| 10:15-10:30 | ORAL COMMUNICATIONS |

11:00-12:30

PLENARY HALL

Parallel session: Metabolism and nutrition track II

Chairpersons:

- | | |
|-------------|--|
| 11:00-11:20 | PROBIOTICS & PREMES, A PARENT'S PERSPECTIVE
<i>N. Embleton Newcastle, UK</i> |
| 11:20-11:40 | LACTOFERRIN TRIALS
<i>P. Manzoni Turin, Italy</i> |
| 11:40-11:55 | ORAL COMMUNICATION |
| 11:55-12:10 | ORAL COMMUNICATION |
| 12:10-12:25 | ORAL COMMUNICATION |

11:00-12:30

HALL 1

Parallel Session: New surfactants/surfactant protection

Chairpersons:

- 11:00-11:15 EFFECTS OF RECOMBINANT CLARA CELL SECRETORY PROTEIN ON SURFACTANT
- 11:15-11:30 TOWARDS NEW INHIBITION-RESISTANT SURFACTANT PREPARATIONS: POLYMERS AND
BIOPHYSICS
J. Perez-Gil Madrid, Spain
- 11:30-11:45 ORAL COMMUNICATION
- 11:45-12:00 ORAL COMMUNICATION
- 12:00-12:15 ORAL COMMUNICATION
- 12:15-12:30 ORAL COMMUNICATION

11:00-12:30

HALL 2

Parallel Session: Pharmacology and AB

Chairpersons:

- 11.00-11:20 USE OF ANTIBIOTICS IN EUROPEAN NICUS
W. Göpel Luebeck, Germany
- 11:20-11:40 APPROPRIATE AB USE
- 11:40-11:55 ORAL COMMUNICATION
- 11:55-12:10 ORAL COMMUNICATION
- 12:10-12:25 ORAL COMMUNICATION

11:00-12:30

HALL 3

Parallel Session: Pharmacology track I

Chairpersons:

- 11.00-11:20 CLINICAL PHARMACOLOGY IN NEONATES
J. van de Anker Washington, USA
- 11:20-11:35 ORAL COMMUNICATIONS
- 11:35-11:50 ORAL COMMUNICATIONS
- 11:50-12:05 ORAL COMMUNICATIONS
- 12:05-12:20 ORAL COMMUNICATIONS

11:00-12:30

HALL 4

Parallel session: Brain track III

Chairpersons:

11:00-11:40 NEW MECHANISMS OF BRAIN DAMAGE IN PREMES

NEUROINFLAMMATION

B. Fleiss London, UK

OLIGODENDROCYTE MATURATION

D. Rowitch San Francisco, USA

11:40-11:55 ORAL COMMUNICATION

11:55-12:10 ORAL COMMUNICATION

12:10-12:25 ORAL COMMUNICATION

11:00-12:30

HALL 5

Parallel Session: Patient-centred and developmentally supportive care

Chairpersons: B. Westrup Stockholm, Sweden

11:00-11:30 KEYNOTE LECTURE: CHANGING THE PARADIGM FOR IMPROVING NEONATAL CARE - AN UPDATE
(2 YEARS LATER)

S. Lee Toronto, Canada

11:30-11:45 INDIVIDUALIZING CARE FOR THE PREMATURELY BORN INFANT AND HER FAMILY WITH THE
NIDCAP MODEL

N. Conneman Rotterdam, The Netherlands

11:45-12:00 THE STOCKHOLM NEONATAL FAMILY-CENTRED CARE STUDY

B. Hallberg Stockholm, Sweden

12:00-12:15 ORAL COMMUNICATIONS

12:15-12:30 ORAL COMMUNICATIONS

13:30-14:30

PLENARY HALL

Poster Session:

13:30-14:30

HALL 1

Poster Session:

13:30-14:30

HALL 2

Poster Session:

13:30-14:30

HALL 3

Poster Session:

13:30-14:30

HALL 4

Poster Session:

13:30-14:30

HALL 5

Poster Session:

14:30-16:30

PLENARY HALL

Parallel Session: Brain track IV

Chairpersons:

14:30-15:00

ANESTHETICS PROS

15:00-15:30

ANESTHETICS CONS

N. Robertson London, UK

15:30-15:45

ORAL COMMUNICATIONS

15:45-16:00

ORAL COMMUNICATIONS

16:00-16:15

ORAL COMMUNICATIONS

16:15-16:30

ORAL COMMUNICATIONS

14:30-16:30

HALL 1

Parallel Session: Cardiovascular track II

Chairpersons:

- 14:30-15:00 **KEYNOTE LECTURE: TRANSFERRING BABIES ON ECMO**
- 15:00-15:15 **ORAL COMMUNICATIONS**
- 15:15-15:30 **ORAL COMMUNICATIONS**
- 15:30-15:45 **ORAL COMMUNICATIONS**
- 15:45-16:00 **ORAL COMMUNICATIONS**
- 16:00-16:15 **ORAL COMMUNICATIONS**
- 16:15-16:30 **ORAL COMMUNICATIONS**

14:30-16:30

HALL 2

Parallel Session: Genetics track II

Chairpersons:

- 14:30-15:00 **GENETIC SUSCEPTIBILITY TO WHITE MATTER DAMAGE**
M.L. Krishnan London, UK
- 15:00-15:30 **GENETIC PREDISPOSITION TO BPD**
M. Hallman Oulu, Finland
- 15:30-15:45 **ORAL COMMUNICATIONS**
- 15:45-16:00 **ORAL COMMUNICATIONS**
- 16:00-16:15 **ORAL COMMUNICATIONS**
- 16:15-16:30 **ORAL COMMUNICATIONS**

14:30-16:30

HALL3

Parallel Session: Epidemiology track II

Chairpersons:

- 14:30-15:00 KEYNOTE LECTURE: GENETIC & EPIGENETIC EPIDEMIOLOGY & CONGENITAL MALFORMATIONS
- 15:00-15:15 ORAL COMMUNICATIONS
- 15:15-15:30 ORAL COMMUNICATIONS
- 15:30-15:45 ORAL COMMUNICATIONS
- 15:45-16:00 ORAL COMMUNICATIONS
- 16:00-16:15 ORAL COMMUNICATIONS
- 16:15-16:30 ORAL COMMUNICATIONS

14:30-16:30

HALL5

Parallel Session: Human milk for the smallest: Breast-feeding in the NICU

Chairpersons: H. van Goudoever Amsterdam, The Netherlands

- 14:30-14:50 HUMAN MILK FOR PRETERM INFANTS - A CHANCE FOR FUTURE DEVELOPMENT
- 14:50-15:10 HUMAN MILK IN THE NICU- IMPACT ON MORBIDITY OF PRETERMS
N. Haiden Vienna, Austria
- 15:10-15:20 THE BREASTFEEDING-FRIENDLY NICU
- 15:20-15:40 A PRETERM MILK BANK
A. Flemmer Munich, Germany
- 15:40-15:55 ORAL COMMUNICATIONS
- 15:55-16:10 ORAL COMMUNICATIONS
- 16:10-16:25 ORAL COMMUNICATIONS

17:00-18:00

PLENARY HALL

Plenary Session:

Chairpersons:

17.00-17.30 **PRETERM BIRTH & METABOLIC SYNDROME IN ADULTS**
U. Simeoni Lousanne, Switzerland

17.30 -18.00 **NUTRITION-MICROBIOTA EFFECTS ON GUT, BRAIN AND IMMUNITY JUST AFTER PRETERM BIRTH
(NEOMUNE)**
P. Sanglid Copenhagen, Denmark

18:00-19:30

PLENARY HALL

Satellite Symposium:

Chairpersons:

“industry-sponsored session” (please see part 2 page.....)

Saturday, September 19th, 2015

09:00-11:00

PLENARY HALL

Parallel Session: Metabolism and nutrition track III

Chairpersons:

- | | |
|-------------|---|
| 09:00-09:30 | INTESTINAL MICROBIAL ECOLOGY AND ENVIRONMENTAL FACTORS
<i>J. Neu</i> Gainesville, USA |
| 09:30-09:45 | ORAL COMMUNICATIONS |
| 09:45-10:00 | ORAL COMMUNICATIONS |
| 10:00-10:15 | ORAL COMMUNICATIONS |
| 10:15-10:30 | ORAL COMMUNICATIONS |
| 10:30-10:45 | ORAL COMMUNICATIONS |
| 10:45-11:00 | ORAL COMMUNICATIONS |

09:00-11:00

HALL 1

Parallel Session: Respiratory support

Chairpersons:

- | | |
|-------------|--|
| 09:00-09:20 | NON INVASIVE HFOV
<i>D. De Luca</i> Paris, France |
| 09:20-09:40 | NON INVASIVE VENTILATION
<i>C. Moretti</i> Rome, Italy |
| 10:00-10:20 | VOLUME GUARANTEE (VG) VENTILATION
<i>M. Sánchez-Luna</i> Madrid, Spain |
| 10:20-10:35 | ORAL COMMUNICATIONS |
| 10:35-10:50 | ORAL COMMUNICATIONS |
| 10:50-11:00 | ORAL COMMUNICATIONS |

09:00-11:00

HALL 2

Parallel Session: Infection track III

Chairpersons:

- 09:00-09:20 **HOW COLLABORATION CAN IMPROVE PHARMACOTHERAPY FOR ANTIBIOTICS OR NICE GUIDELINES AND EUROPE**
- 09:20-09:40 **TINN-1-2 & NEOVANC - ANTIBIOTICS**
E. Jacqz-Aigrain Paris, France
- 09:40-09:55 **ORAL COMMUNICATIONS**
- 09:55-10:10 **ORAL COMMUNICATIONS**
- 10:10-10:25 **ORAL COMMUNICATIONS**
- 10:25-10:40 **ORAL COMMUNICATIONS**
- 10:40-10:55 **ORAL COMMUNICATIONS**

09:00-11:00

HALL 3

Parallel Session: Pharmacology track II

Chairpersons:

- 09:00-09:20 **NEUROSIS - INHALATIONAL STEROIDS**
D. Bassler Tubingen, Germany
- 09:20-09:40 **CLOSED - CLONIDINE IN NEONATES**
- 09:40-09:55 **ORAL COMMUNICATIONS**
- 09:55-10:10 **ORAL COMMUNICATIONS**
- 10:10-10:25 **ORAL COMMUNICATIONS**
- 10:25-10:40 **ORAL COMMUNICATIONS**
- 10:40-10:55 **ORAL COMMUNICATIONS**

09:00-11:00

HALL 4

Parallel Session: Brain track V

Chairpersons:

09:00-09:45 **NEUROPROTECTION**

- XENON

D. Edwards London, UK

- EPO

P. Huppi Genève, Switzerland

- CHALLENGES OF HYPOTHERMIA TREATMENT

M. Szabó Budapest, Hungary

09:45-10:00 **ORAL COMMUNICATIONS**

10:00-10:15 **ORAL COMMUNICATIONS**

10:15-10:30 **ORAL COMMUNICATIONS**

10:30-10:45 **ORAL COMMUNICATIONS**

10:45-11:00 **ORAL COMMUNICATIONS**

09:00-11:00

HALL 5

Parallel Session: Cardiovascular track III

Chairpersons:

09:00-09:20 **NIRS**

G. Greisen Copenhagen, Denmark

09:20-09:40 **EVALUATION OF HEMODYNAMICS IN NEONATES**

09:40-10:00 **HOW TO ASSESS THE CIRCULATION - CARDIAC FUNCTION VS TISSUE OXYGENATION (PRO-CON DEBATE)**

W. de Boode Nymegen, The Netherlands

10:00-10:15 **ORAL COMMUNICATIONS**

10:15-10:30 **ORAL COMMUNICATIONS**

10:30-10:45 **ORAL COMMUNICATIONS**

10:45-11:00 **ORAL COMMUNICATIONS**

11:30-12:30

PLENARY HALL

IPRF Plenary Session

Chairpersons:

11:30-12:00 **TARGETED NANOTHERAPIES FOR PERINATAL BRAIN INJURY**
R. Kannan Baltimore, USA

12:00-12:30 **EXOSOMES**
S. Pluchino Cambridge, UK

13:30-15:00

PLENARY HALL

Poster Session:

13:30-15:00

HALL 1

Poster Session:

13:30-15:00

HALL 2

Poster Session:

13:30-15:00

HALL 3

Poster Session:

13:30-15:00

HALL 4

Poster Session:

13:30-15:00

HALL 5

Poster Session:

15:00-17:00

PLENARY HALL

Parallel Session: Epidemiology track III

Chairpersons:

- 15:00-15:25 KEYNOTE LECTURE: DIAGNOSTIC TESTS IN NEONATOLOGY
- 15:25-15:40 ORAL COMMUNICATIONS
- 15:40-15:55 ORAL COMMUNICATIONS
- 15:55-16:10 ORAL COMMUNICATIONS
- 16:10-16:25 ORAL COMMUNICATIONS
- 16:25-16:40 ORAL COMMUNICATIONS
- 16:40-16:55 ORAL COMMUNICATIONS

15:00-17:00

HALL 1

Parallel Session: NICU design

Chairpersons: D. Haumont Brussels, Belgium; *S.Mader* Munich, Germany

- 15:00-15:30 KEYNOTE LECTURE: GUIDELINES FOR NICU DESIGN
R. White South Bend, USA
- 15:30-15:45 EXPERIENCES FROM IMPLEMENTING A FAMILY-CENTRED PRIVATE ROOM NICU
T. Mohns Veldhoven, The Netherlands
- 15:45-16:00 REBUILDING THE UNIT: CHALLENGES AND OPPORTUNITIES
B. Hallberg Stockholm, Sweden
- 16:00-16:15 PARENTS AND HYGIENE - A CONTRADICTION IS WELL CHOSEN
O. Helder Rotterdam, The Netherlands
- 16:15-16:30 ORAL COMMUNICATIONS
- 16:30-16:45 ORAL COMMUNICATIONS
- 16:45-17:00 ORAL COMMUNICATIONS

15:00-17:00

HALL 2

Parallel Session: Preterm-related diseases & inflammation

Chairpersons

- 15:00-15:20 **DEVELOPMENTAL REGULATION OF INFLAMMATION IN THE PRETERM GUT. IMPLICATIONS FOR NEONATAL NECROTIZING ENTEROCOLITIS**
B. Kramer Maastricht, The Netherlands
- 15:20-15:40 **PULMONARY INFLAMMATION IN BPD - IMPLICATIONS FOR A MULTIMODAL CONCEPT OF PREVENTION AND THERAPY**
C.P. Speer Würzburg, Germany
- 15:40-15:55 **ORAL COMMUNICATIONS**
- 15:55-16:10 **ORAL COMMUNICATIONS**
- 16:10-16:25 **ORAL COMMUNICATIONS**
- 16:25-16:40 **ORAL COMMUNICATIONS**
- 16:40-16:55 **ORAL COMMUNICATIONS**

15:00-17:00

HALL 3

Parallel Session: Metabolism and nutrition track IV

Chairpersons

- 15:00-15:20 **PRETERM METABOLIC PHENOTYPE**
- 15:20-15:40 **NUTRITIONAL VALUE OF PROTEIN-HYDROLYSED FORMULAE**
C. Agostoni Milan, Italy
- 15:40-15:55 **ORAL COMMUNICATIONS**
- 15:55-16:10 **ORAL COMMUNICATIONS**
- 16:10-16:25 **ORAL COMMUNICATIONS**
- 16:25-16:40 **ORAL COMMUNICATIONS**
- 16:40-16:55 **ORAL COMMUNICATIONS**

15:00-17:00

HALL 4

Parallel Session: Brain track VI

Chairpersons

- 15:00-15:20 **CHEMICAL BIOMARKERS TO PREDICT BRAIN INJURY (GENERAL, SPECIFIC)**
S. Carloni, F. Proietti Urbino, Italy
- 15:20-15:40 **BIOMARKERS OF OXIDATIVE STRESS FOR THE EARLY IDENTIFICATION OF BRAIN DAMAGE**
G. Buonocore Siena, Italy
- 15:40-15:55 **ORAL COMMUNICATIONS**
- 15:55-16:10 **ORAL COMMUNICATIONS**
- 16:10-16:25 **ORAL COMMUNICATIONS**
- 16:25-16:40 **ORAL COMMUNICATIONS**
- 16:40-16:55 **ORAL COMMUNICATIONS**

15:00-17:00

HALL 5

Parallel Session: Communication with parents for neonatal professionals

Chairpersons: S. Mader Munich, Germany

- 15:00-16:00 **FAMILY CENTRED NEONATAL CARE À L'EDMONTON, CANADA! A COLLABORATIVE JOURNEY OF FAMILIES, STAFF AND PHYSICIANS**
M. Panas Edmonton, Canada; J. Tyebkhan Edmonton, Canada; L. Hendson Edmonton, Canada
- 16:00-16:15 **ORAL COMMUNICATIONS**
- 16:15-16:30 **ORAL COMMUNICATIONS**
- 16:30-16:45 **ORAL COMMUNICATIONS**
- 16:45-17:00 **ORAL COMMUNICATIONS**

Sunday, September 20th, 2015

09:00-11:00

PLENARY HALL

Parallel Session: The prevention of Rh diseases: a Global Eradication Program

Chairpersons:

09:00-09:30 THE GLOBAL PROBLEM OF RH HEMOLYTIC DISEASE OF NEWBORNS
A. Zipursky Toronto, Canada

09:30-10:00 THE CREATION OF A GLOBAL PROGRAM FOR THE PREVENTION OF RH DISEASES

10:00-10:15 ORAL COMMUNICATIONS

10:15-10:30 ORAL COMMUNICATIONS

10:30-10:45 ORAL COMMUNICATIONS

10:45-11:00 ORAL COMMUNICATIONS

09:00-11:00

HALL 1

Parallel Session: BPD

Chairpersons:

09:00-09:20 STEROID PROFILAXIS
I. Kocsis Budapest, Hungary

09:20-09:40 LATE PULMONARY DETERIORATION: ANOTHER NEW FORM OF BPD
V. Carnielli Ancona, Italy

09:40-09:55 ORAL COMMUNICATIONS

09:55-10:10 ORAL COMMUNICATIONS

10:10-10:25 ORAL COMMUNICATIONS

10:25-10:40 ORAL COMMUNICATIONS

10:40-10:55 ORAL COMMUNICATIONS

09:00-11:00

HALL 2

Parallel Session: Microbiome

Chairpersons:

09:00-09:25 KEYNOTE LECTURE: PLACENTAL MICROBIOME

09:25-09:40 ORAL COMMUNICATIONS

09:40-09:55 ORAL COMMUNICATIONS

09:55-10:10 ORAL COMMUNICATIONS

10:10-10:25 ORAL COMMUNICATIONS

10:25-10:40 ORAL COMMUNICATIONS

10:40-10:55 ORAL COMMUNICATIONS

09:00-11:00

HALL 3

Parallel Session: Pharmacology track III

Chairpersons:

09:00-09:20 PK MODELLING
Z. Wei

09:20-09:40 PK/PD AND DEEP TISSUES ISSUES.

09:40-09:55 ORAL COMMUNICATIONS

09:55-10:10 ORAL COMMUNICATIONS

10:10-10:25 ORAL COMMUNICATIONS

10:25-10:40 ORAL COMMUNICATIONS

10:40-10:55 ORAL COMMUNICATIONS

09:00-11:00

HALL 4

Parallel Session: Brain track VII

Chairpersons:

- 09:00-09:20 **NEW IMAGING TECHNIQUES**
- **ULTRAFAST DOPPLER**
M. Tanter Paris, France
 - **CONNECTIVITY IN THE PRETERM BABY**
M. Benders Utrecht, Netherlands
- 09:20-09:35 **ORAL COMMUNICATIONS**
- 09:35-09:50 **ORAL COMMUNICATIONS**
- 09:50-10:05 **ORAL COMMUNICATIONS**
- 10:05-10:20 **ORAL COMMUNICATIONS**
- 10:20-10:35 **ORAL COMMUNICATIONS**
- 10:35-10:50 **ORAL COMMUNICATIONS**
- 10:50-11:00 **ORAL COMMUNICATIONS**

09:00-11:00

HALL 5

Parallel Session: EFCNI track VI

Chairpersons:

11:30-13:00

PLENARY HALL

Plenary Session:

Chairpersons

- 11:30-12:00 **ETHICAL CHALLENGES FOR THE FUTURE**
- 12:00-12:30 **WHO MILLENIUM**
- 12:30-13:00 **CLOSING WORDS**

Sponsored Sessions

AUTHORS' LIST

A		F	
Aagaard K.	40	Fewtrell M.	30
Agostoni C.	37	Fleiss B.	27
Albertini M.C.	16	Flemmer A.	30
Allegaert K.	12		
Ancel P.Y	22		
Arslanoglu S.	11		
Auffray C.	18		
August D.	6; 19		
B		G	
Balduini W.	25	Gasparre O.	11
Ballard R.	23	Göpel W.	26
Barrington K.	12; 34; 36	Greisen G.	21; 23; 34
Bassler D.	33	Guerrini R.	22
Baud O.	20		
Beke A.	22		
Benders M.	41		
Bhutani V.	39		
Breindahl M.	8; 9		
Broster S.	8; 9		
Buonocore G.	11; 38		
C		H	
Carloni S.	38	Haiden N.	30
Carnielli V.	39	Hallberg B.	27; 36
Cattarosi P.	17	Hallman M.	29
Christensen R.D.	7	Haumont D.	12; 16; 36
Conneman N.	13; 27	Hedberg Nyqvist K.	30
Counsell S.	19	Hegestam S.	36
Curatolo P.	23	Helder O.	36
		Hendson L.	38
		Hoebek F.	19
		Hooper S.	17
		Hummler H.	16
		Hüning B.	13
		Huppi P.	34
		J	
		Jacqz-Aigrain E.	33
		K	
		Kannan R.	35
		Kocsis I.	39
		Koldewijn K.	13
		Kotecha S.	21
		Kramer B.	12; 20; 37
		Krishnan M.L.	29
		L	
		Lantos J.	17
		Lapillonne A.	11
		Latour J.	23
		Lee S.	27
		Lie R.T.	30
E			
Edwards D.	34		
Elbarbary M.	23		
Embleton N.	25		

Linderkamp O.	7	Rowitch D.	27
Lluch M.T.	8; 9		
Lutsar I.	26		
		S	
M		Sánchez-Luna M.	32
Mader S.	16; 36; 38	Sanders R.	28
Makrides M.	11; 18	Sanglid P.	31
Manzoni P.	12; 21; 25	Simeoni U.	31
Marlow N.	16; 23	Skene C.	19
McCall E.	19	Speer C.P.	37
Meadow W.	41	Stewart M.	8
Meadow W. W.	17	Storari L.	16
Mohns T.	36	Szabó M.	34
Molinari A.C.	7		
Moretti C.	32	T	
		Tanter M.	41
N		Turner M.	33
Neu J.	11; 32	Tyebkhan J.	38
Neubert A.	33		
New K.	6; 19	V	
Nowak-Göttl U.	7	van Bel F.	34
Null D.	8	van de Anker J.	26
		van den Hoogen A.	6
O		Van den Hoogen A.	16
Orvos H.	22	van Goudoever H.	30
		van Wassenaer-Leemhuis A.	13
P		Varendi H.	11
Palmér K.	8; 29	Vaulont S.	18
Panas M.	38	Verloes A.	22
Perez-Gil J.	26		
Perrone S.	7	W	
Peters J.	23	Waren I.	13
Pichler G.	21	Wei Z.	40
Pilon A.	26	Weindling M.	22
Pluchino S.	35	Westrup B.	13; 27
Poets C.	11	White R.	16; 36
Proietti F.	38	Wolf M.J.	13
		Wolkenhauer O.	18
R		Z	
Raimondi F.	17	Zamora Flores E.	12
Regan L.	16	Zipursky A.	39
Robertson N.	28		