1st Congress of joint European Neonatal Societies (jENS)

2015

56th ESPR/ESN Annual Meeting
5th International Congress of UENPS

Final Program

BUDAPEST

September 16th-20th 2015

September 15th Pre-Congress Courses

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Chiesi
In neonatology for life

Dear Colleagues, Dear Friends,

The 1st Congress of joint European Neonatal Societies (jENS 2015) promises to be a unique event in the field of neonatology, serving as a hub for the wealth of knowledge amassed by four leading societies in the field of neonatology. The European Society for Paediatric Research (ESPR), the European Society for Neonatology (ESN), the Union of European Neonatal and Perinatal Societies (EUNPS) and the European Foundation for the Care of Newborn Infants (EFCNI) have all decided to combine their efforts to establish a joint meeting that will cover a wide range of topics in neonatology, ranging from state-of-the-art basic and clinical research to patient-centred care and clinical guidelines, in an unprecedented initiative.

During this event, neonatologists and neonatal care professionals from around the world will gain unparalleled access to the best scientific research and clinical care programmes available. Attendees from all levels of neonatal care are welcome. A panel of more than 120 leading international experts who have personally contributed to the state of the art will review cutting-edge developments in the areas of neonatal care and research, which are particularly active today.

Networking and interactivity between the principal players - participants, KOLs, industry and the Organizing societies - will be the keywords of this congress. Innovative and interactive tools such as specially designed apps, jENS TV, interactive e-posters, interactive communications between speakers and the audience and much more will make this congress a truly pioneering experience.

For this 1st meeting, the jENS comes to Central Europe. The host city, Budapest in Hungary, can be counted among the most famous ancient European cities, with a history dating back to the 1st century. It is a Central European jewel impregnated with history, combining spectacular buildings, incredible charm, and a true touch of romance. It certainly deserves a visit and will without a doubt become one of the congress locations that live on in memory.

In the name of the entire jENS organizing committee, I would like to cordially invite you to join us in Budapest, and through your active participation, either as presenters in the scientific program or just as active participants in the discussions, make the 1st jENS meeting a resounding success.

See you all in Budapest in September 2015!

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Pre-Congress Courses

Tuesday - September 15th, 2015

TIME	Plenary Hall	Parallel Hall 1	Parallel Hall 2
8:30 9:00		ESN Course 1: Lung *Industry-sponsored course*	
9:00 - 14:00			Nurses Pre Course
14:00 - 16.00			
16:00 - 17:00			

Parallel Hall 3	Parallel Hall 4	Parallel Hall 5	Parallel Hall 6	Parallel Hall 7	ESN/ESPR/UENPS Lounge
Making it meaningful - Driving effective communication between preemie parents and professionals *Industry-sponsored course*					
					Structuring presentations and posters

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Pre-Congress Courses and Openi

Wednesday - September 16th, 2015

TIME	Plenary Hall	Parallel Hall 1	Parallel Hall 2
7:30 15:30	Haematological problems in neonatal period	Neonatal Transportation	ESN course 2: Brain MRI *Industry-sponsored course*
15:30 17:30			
17:30 - 18:00	Plenary Session HONOURING ADOLF VALLS I SOLER *H. Hummler Ulm, Germany* NICU OF THE FUTURE *R. White South Bend, USA*		
18:00 - 18:30	Plenary Session MICRORNA AS BIOMARKER OF DISEASE IN PRETERM INFANTS *M.C. Albertini Urbino, Italy*		
18:30 - 19:00	Plenary Session THE UNMET NEEDS OF PERINATAL MEDICINE - MULTIDISCIPLINAR *S. Mader (Parents), L. Storari (Industry), D. Haumont (Neonatologist), A. van den Hoogen (Nurse)* *Facilators: G.C. Di Renzo (FIGO Secretary), N. Marlow (Past President ESPR)*		

ng Ceremony

Parallel Hall 3	Parallel Hall 4	Parallel Hall 5	Parallel Hall 6	Parallel Hall 7	ESN/ESPR/UENPS Lounge
Nutrition for the preterm & breastfeeding	Neonatal Infections	Family-centred care	Cohort Studies	Near-infrared Spectroscopy *Industry-sponsored course*	

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Thursday - September 17th, 2015

TIME	Plenary Hall	Parallel Hall 1	Parallel Hall 2
9:00 - 11:00	Parallel Session New ways for diagnostics and imaging lung diseases	Parallel Session Ethics track I	Parallel Session Systems medicine in neonatology
11:00 - 11:30	*coffee break*		
11:30 - 12:30	Plenary Session Stem cells and lung - *B. Kramer* Stem cells and brain - *O. Baud*		
12:30 - 13:30	*LUNCH*		
13:30 - 15:00	Poster Session: Brain 1	Poster Session: Circulation	Poster Session: Pulmonary poster 1: Ventilation and breathing
15:00 - 17:00	Parallel Session Antibiotic resistance & antibiotic stewardship	Parallel Session Circulatory changes at birth and cardiovascular outcome	Parallel Session Genetics track I
17:00 - 17:30	*coffee break*		
17:30 - 18:30	Plenary Session TO THE NICU AND BEYOND *Industry-sponsored session*		
18:30 - 20:00	Satellite Symposium *Industry-sponsored session*		

Parallel Hall 3	Parallel Hall 4	Parallel Hall 5	ESN/ESPR/UENPS Lounge
Parallel Session Metabolism and nutrition track I	Parallel Session Brain track I	Parallel Session Care in neonates	
poster walk			
poster walk			
Nutrition Poster Session: Nutrion & Gastroenterology Poster session 1	Poster Session: Brain 2	Poster Session: Care, education and training in neonatology	
Parallel Session Epidemiology track I	Parallel Session Brain track II	Parallel Session Dealing with death	Nutrition Section Business Meeting
poster walk			

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Friday - September 18th, 2015

TIME	Plenary Hall	Parallel Hall 1	Parallel Hall 2
8:30 - 10:30	Plenary Session Young Investigator Prize session		
10:30 - 11:00	*coffee break*		
11:00 - 12:30	Parallel Session Metabolism and nutrition track II	Parallel Session New surfactants/surfactant protection	Parallel Session Pharmacology and Antibiotics
12:30 - 13:30	*LUNCH*		
13:30 - 14:30	Poster Session: Brain 3	Pulmonary Poster Symposium 2: Lung disease in the delivery room and beyond	Hungarian poster session
14:30 - 16:30	Parallel Session Brain track IV	Parallel Session Microcirculation	Parallel Session Genetics track II
16:30 - 17:00	*coffee break*		
17:00 - 18:00	Plenary Session Preterm birth & metabolic syndrome in adults - *U. Simeoni* Nutrition-microbiota effects on gut, brain and immunity just after preterm birth (NEOMUNE) *P. Sanglid*		
18:00 - 19:30	Satellite Symposium Appropriate Growth in Infancy – is it Simple to Achieve? *Industry-sponsored session*		

Parallel Hall 3	Parallel Hall 4	Parallel Hall 5	ESN/ESPR/UENPS Lounge
poster walk			
Parallel Session Pharmacology track I	Parallel Session Brain track III	Parallel Session Patient-centred and developmentally supportive care	
poster walk			Brain Section Business meeting
Poster Session: Epidemiology Poster Session 1	Poster Session: Pharmacology poster session	Poster Session: Neonatal transportation	Circulation Section Business meeting
Parallel Session Epidemiology track II		Parallel Session Human milk for the smallest: Breast-feeding in the NICU	
poster walk			

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Saturday - September 19th, 2015

TIME	Plenary Hall	Parallel Hall 1	Parallel Hall 2
8:00 - 9:00		ESN Business Meeting	
9:00 - 11:00	Parallel Session Metabolism and nutrition track III	Parallel Session Pulmonary Symposium Respiratory support	Parallel Session Infection track III
11:00 - 11:30	*coffee break*		
11:30 - 12:30	IPRF Plenary Session Targeted nanotherapies for perinatal brain injury - *R. Kannan* Exosomes - *S. Pluchino*		
12:30 - 13:30			
13:30 - 15:00	Poster Session: Epidemiology poster session 2	Poster Session: Perinatal care	Poster Session: Circulation 2
15:00 - 17:00	Parallel Session Epidemiology track III	Parallel Session NICU Design	Parallel Session Preterm-related diseases & inflammation
17:00 - 17:30	*coffee break*		
17:30 - 18:00	Satellite Symposium CoSense ETCO monitor *Industry-sponsored session*	ESPR Business Meeting	Hungarian poster session
18:00 - 18:30			
18:30 - 19:00			

Parallel Hall 3	Parallel Hall 4	Parallel Hall 5	ESN/ESPR/UENPS Lounge
Parallel Session Pharmacology track II	Parallel Session Brain track V	Parallel Session Blood pressure and autoregulation	
poster walk			
	LUNCHEON SYMPOSIUM *Industry-sponsored session*		Epidemiology Section Business meeting
Poster Session: Nutrition and gastroenterology poster session 2	Poster Session: Brain 4	Pulmonary Poster Symposium 3: Lung Injury and BPD	Pharmacology Section Business meeting
Parallel Session Metabolism and nutrition track IV	Parallel Session Brain track VI	Parallel Session Communication with parents for neonatal professionals	Pulmunology Section business meeting
poster walk			

Sunday - September 20th, 2015

TIME	Plenary Hall	Parallel Hall 1	Parallel Hall 2
7:30 - 8:00			
8:30 - 8:30			
8:30 - 9:00			
9:00 - 9:30	Parallel Session The prevention of Rh diseases: a Global Eradication Program	Parallel Session Chronic lung disease and lung injury	Parallel Session Microbiome
9:30 - 10:00			
10:00 - 10:30			
10:30 - 11:00			
11:00 - 11:30	*coffee break*		
11:30 - 12:00	Plenary Session Closing session ETHICAL CHALLENGES FOR THE FUTURE WHO Millenium CLOSING WORDS		
12:00 - 12:30			
12:30 - 13:00			

Parallel Hall 3	Parallel Hall 4	Parallel Hall 5
Parallel Session Pharmacology track III	Parallel Session Brain track VII	
/ poster walk		

Tuesday, September 15th, 2015

08:30 - 17:00 **HALL 1**

PRE CONGRESS COURSE: ESN COURSE 1: LUNG

08:30 - 08:45 WELCOME

08:45 - 09:15 THE PHYSIOLOGY OF BREATHING
S. Hooper, *Monash, Australia*

09:15 - 09:45 NEONATAL RESPIRATORY FAILURE: A PATHOPHYSIOLOGICAL APPROACH TO RESPIRATORY MANAGEMENT
O. Danhaive, *San Francisco, USA*

09:45 - 10:15 SURFACTANT: FROM BIOLOGY TO CLINICAL INDICATIONS
D. de Luca, *Paris, France*

10:15 - 10:45 **Coffee**

10:45 - 12:15 **WORKSHOPS** 2 x 45 min

SKILLS STATION 1 - DR VENTILATION AND RESPIRATORY FUNCTION MONITORING
A. te Pas, *Leids, The Netherlands*; C.C. Roehr, *Oxford, UK*

SKILLS STATION 2 - CONVENTIONAL MECHANICAL VENTILATION IN PRACTICE
R. Hentschel, *Freiburg, Germany*

12:15 - 13:15 **Lunch**

13:15 - 14:45 **WORKSHOPS** 2 x 45 min

SKILLS STATION 3 - ULTRASOUND OF THE LUNG IN PRACTICE
L. Cattarossi, *Udine, Italy*; F. Raimondi, *Naples, Italy*

SKILLS STATION 4 - SURFACTANT ADMINISTRATION – MIST, LISA OR INSURE?
K. Bohlin, *Stockholm, Sweden*; D. de Luca, *Paris, France*

14:45 - 15:15 **Coffee**

15:15 - 15:45 HIGH FREQUENCY OSCILLATORY VENTILATION – WHAT, WHEN AND HOW
A. Flemmer, *Munich, Germany*

15:45 - 16:15 NON-INVASIVE VENTILATION MODES: WHAT'S NEW AND WHAT DO WE KNOW?
K. Bohlin, *Stockholm, Sweden*

16:15 - 16:45 PULMONARY CIRCULATION MANAGEMENT IN NEONATAL RESPIRATORY FAILURE
O. Danhaive

16:45 - 17:00 EVALUATION AND SUMMARY

"industry-sponsored course" *(please see part 2 page 101)*

09:00 - 17:00 **HALL 2**

PRE CONGRESS COURSE: NURSES

09:00 - 09:20 THE COUNCIL OF INTERNATIONAL NEONATAL NURSES (COINN) - CONNECTING NEONATAL NURSES GLOBALLY
K. New COINN President, *Brisbane, Australia*

09:20 - 09:40 NEONATAL NURSING WORKFORCE - WHAT DO WE KNOW AND WHY IS THIS IMPORTANT?
C. Kenner COINN CEO, *Yardley, USA*

09:40 - 10:00 NEONATAL SKIN CRUSADES - WHAT DO NEONATAL SKIN INJURIES LOOK LIKE?
D. Augus, *Townsville, Australia*

10:00 - 10:30 **Coffee break**

10:30 - 11:00 NEONATAL SKIN CARE - EVIDENCE BASED MANAGEMENT
D. August, *Townsville, Australia*

11:00 - 11:30 INTRAVENOUS COMPLICATIONS AND MANAGEMENT IN NEWBORNS
A. van den Hoogen, *Utrecht, The Netherlands*

11:30 - 12:00 THE ROLE OF NEONATAL NURSE EDUCATORS IN IMPLEMENTING AN EVIDENCE-BASED NEONATAL RESUSCITATION TRAINING PROGRAM
R. Boland, *Melbourne, Australia*

12:00 - 13:00 **Lunch**

13.00 - 13:30 INTEGRATED CREW RESOURCE MANAGEMENT AND FAMILY CENTERED CARE
S. Glinghammar, *Stockholm, Sweden*

13:30 - 14:00 NURSES' EXPERIENCES OF PARENTAL PRESENCE DURING RESUSCITATION
J. Stenqvist, *Stockholm, Sweden*

14:30 - 15:00 IMPROVING THE EMPOWERMENT OF PARENTS: WHAT DO PARENTS NEED TO TAKE OVER CARE?
S. Mader, *Munich, Germany*

14:30 - 15:00 **Coffee break**

15:00 - 15:20 IMPLEMENTING KANGAROO CARE - THE BENEFITS AND CHALLENGES!
B. Hill, *Sydney, Australia*

15:20 - 15:40 NURSING RESEARCH PRIORITIES IN EUROPE
A. van den Hoogen, *Utrecht, The Netherlands*

15:40 - 16:00 EDUCATION AND TRAINING IN MATERNAL AND NEWBORN HEALTHCARE: HOW CAN EUROPE'S HEALTH PROFESSIONALS MEET THE CHALLENGES?
L. Johnston, *Toronto, Canada*

16:00 - 16:30 THE EVERY NEWBORN ACTION PLAN AND POST DEVELOPMENT GOALS - NEONATAL NURSES HAVE A ROLE!
K. New COINN President, *Brisbane, Australia*

09:00 - 17:00 **HALL 3**

PRE CONGRESS COURSE: MAKING IT MEANINGFUL - DRIVING EFFECTIVE COMMUNICATION BETWEEN PREEMIE PARENTS AND HEALTH CARE PROFESSIONALS

9.00 - 9.30 WELCOME - INTRODUCTION AND OBJECTIVES
Dr Tibor Ertl, Chair, **Nicole Thiele** Vice Chair of the Executive Board, EFCNI and **Carole Kenner**, Chief Executive Officer of COINN

9:30 - 10:30 THE PREEMIE PARENT JOURNEY AND THE PARENT BURDEN STUDY. INSIGHTS FROM GLOBAL PARENT RESEARCH AND KEY FINDINGS FROM RELEVANT HEALTH ECONOMICS AND OUTCOMES RESEARCH
Donna Gray, Director of Global Patient Adherence, **AbbVie** and **Barry Rodgers-Gray**, Strategen

10:30 - 11:15 A PREEMIE PARENT'S STORY - INSIGHT IN TO THE EXPERIENCE OF BEING A PREEMIE PARENT AND WHAT HCPS CAN DO TO HELP MAKE THE JOURNEY EASIER FOR PARENTS
Karl Rombo

11:15 - 12:00 DISCUSSION AND Q&A
Chaired by **Dr Tibor Ertl**

12:00 - 13:00 **Lunch break**

13:00 - 15:45 BREAKOUT SESSIONS

HCP TRACK 1 (doctors)

Part 1: Understanding risk communications *(45 mins)*
Led by **John Paling**, Risk Communication Institute

Part 2: Communications training (1.5 hours)
Led by **Marsheila Devan**, Point Taken
- Barriers to effective HCP/parent communication
- How do I get my message across and make sure it is heard?
- Asking the right questions and understanding non-verbal communication
- Practical exercises

HCP TRACK 2 (nurses)

Part 1: *Led by* COINN *(45 mins)*
Led by **Carole Kenner**, Chief Executive Officer of COINN

Part 2: Communications training *(1.5 hours)*
Led by **Beth Rogers**, Point Taken
- Barriers to effective HCP/parent communication
- How do I get my message across and make sure it is heard?
- Asking the right questions and understanding non-verbal communication
- Practical exercises

PARENT TRACK: COMMUNICATIONS WORKSHOP:
Led by **Nicole Thiele** and **Dr. Iris Nikola Knierim**, EFCNI
- Identifying and discussing challenges to effective collaboration between parents and HCPs
- Supporting parent groups to steer effective dialogue
- Practical exercises to support effective communication and collaboration between parents and HCPs

15:45 - 16:45 KEY INSIGHTS FROM BREAK-OUTS AND PLAN FOR ACTION
Overview from the workshops and insights, pulling together key learnings and action points from the day
Led by **Dr Tibor Ertl**, Chair, **Nicole Thiele** and **Carole Kenner**

16:45 - 17:00 CONCLUSION AND THANK YOU
Led by **Dr Tibor Ertl**, **Carole Kenner** and **Nicole Thiele**

"industry-sponsored course" (please see part 2 page 102-103)

14:00 - 16:00 **ESN/ESPR/UENPS LOUNGE**

PRE CONGRESS COURSE: STRUCTURING PRESENTATIONS AND POSTERS

H. Küster, *Göttingen, Germany*

Wednesday, September 16th, 2015

09:00 - 15:30 **PLENARY HALL**

PRE CONGRESS COURSE: HAEMATOLOGICAL PROBLEMS IN NEONATAL PERIOD

09:00 - 09:45 ANEMIA IN THE NEONATAL PERIOD
R.D. Christensen, *Salt Lake, USA*

09:45 - 10:30 IDENTIFYING NEONATES LIKELY TO BENEFIT FROM A RED BLOOD CELL TRANSFUSION
R.D. Christensen, *Salt Lake, USA*

10:30 - 11:15 THE APPROPRIATE USE OF BLOOD
S. Perrone, *Siena, Italy*

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
A.C. Molinari, *Genoa, Italy*

13:00 - 14:00 **Lunch**

14:00 - 14:45 THROMBOCITOPENIA: CLINICAL ASPECTS
A. Del Vecchio, *Bari, Italy*

14:45 - 15:30 POLYCYTHEMIA AND HYPERVISCOSITY
R.D. Christensen, *Salt Lake, USA*

08:30 - 17:00 **HALL 1**

PRE CONGRESS COURSE: NEONATAL TRANSPORTATION

08:30 - 09:00 REGISTRATION

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, *Parkville, Australia* - S. Broster, *Cambridge, UK*

CLINICAL EXPERIENCE NO 1

09:30 - 10:00 ANTS, EAST OF ENGLAND
S. Broster, *Cambridge, UK*

10:00 - 10:15 **Coffee break**

STABILIZATION AND TREATMENT THE SICK NEWBORN DURING RETRIEVAL

10:15 -10:45 VENTILATION PRINCIPLES, INCL. NO & HFOV
D. Null, *Utah, USA*

10:45 - 11:15 THERAPEUTIC HYPOTHERMIA DURING TRANSPORT BASED ON THE ICE TRIAL
M. Stewart, *Victoria, Australia*

11:15 - 11:45 PANEL DISCUSSION AND REFLECTION
D. Null, *Utah, USA,* M. Stewart, *Victoria, Australia,* M. Breindahl, *Copenhagen, Denmark* | **Moderator:** S. Broster, *Cambridge, UK*

11:45 - 12:30 **Lunch break**

CLINICAL EXPERIENCE NO 2

12:30 - 13:00 NEO-PETS, COPENHAGEN
M. Breindahl, *Copenhagen, Denmark*

SKILLS IN TRIAGE, COMMUNICATION AND PRIORITIZATION

13:00 - 13:30 TRIAGE IN THEORY AND PRAXIS, PRIORITISATION OF TRANSPORT REQUESTS
M. Stewart, *Victoria, Australia*

13:30 - 14:00 COMMUNICATION WITH REFERRING AND RECEIVING UNIT. REAL-TIME BENEFIT AND POTENTIAL FOR TRAINING PURPOSES
M.T. Lluch, *Parkville, Australia*

14:00 - 14:30 PANEL DISCUSSION AND REFLECTION
M. Stewart, *Victoria, Australia,* M. Breindahl, *Copenhagen, Denmark* | **Moderator**: M.T. Lluch, *Parkville, Australia*

14:30 - 14:45 **Coffee break**

THE IMPORTANCE OF SAFETY IN TRANSPORT

14:45 - 15:15 SAFETY ISSUES FOR THE INFANTS AND THE TRANSPORT STAFF, PARENTS ON BOARD?
M. S. Sanchez, *Barcelona, Spain*

CLINICAL EXPERIENCE NO 3

15:15 - 15:45 PIPER AND THE ROLE OF NETS IN STATEWIDE NEONATAL EDUCATION, MELBOURNE
M.T. Lluch, *Parkville, Australia*

GOVERNANCE, LEGAL ASPECTS OF TRANSPORT MEDICINE, EDUCATION AND TRAINING

15:45 - 16:15 RESPONSIBILITIES - AND GREY AREAS
S. Broster, *Cambridge, UK*

16:15 - 16:45 SUMMARY, PANEL DISCUSSION AND NEXT STEPS
M.S. Sanchez, M.T. Lluch, *Parkville, Australia*, S. Broster, *Cambridge, UK* | **Moderator:** M. Breindahl, *Copenhagen, Denmark*

16:45 - 17:00 EVALUATION OF COURSE, COURSE CERTIFICATES, GROUP PHOTO, GOODBYE

08:20 - 17:15 **HALL 2**

PRE CONGRESS COURSE: ESN COURSE 2: BRAIN MRI

08:20 - 08:30 INTRODUCTION TO THE COURSE
L. Ramenghi, *Genoa, Italy*

08:30 - 9:15 FETAL MRI GUIDED ASSESSMENT OF NEONATAL IMAGING MODALITIES
A. Righini, *Milan, Italy*

NEONATAL ENCEPHALOPATHY

09:15 - 09:45 BRAIN LESIONS AND NEONATAL ASPHYXIA
L. Ramenghi, *Genoa, Italy*

09:45 - 10:15 ARTERIAL ISCHAEMIC LESIONS
J. Dudink, *Rotterdam, The Netherlands*

10:15 - 10:45 SINOVENOUS THROMBOSIS AND VENOUS STROKE
L. Ramenghi, *Genoa, Italy*

10:45 - 11:00 **Coffee break**

11:00 - 11:30 NEONATAL INFECTIONS
L. de Vries, *Utrecht, The Netherlands*

11:30 - 12:00 OBSERVING A MRI SCAN: WHEN TO SUSPECT A GENETIC OR A METABOLIC DISEASE IN A NEONATE
D. Tortora, *Genoa, Italy*

12:00 - 12:15 SUMMARY OF THE MORNING

12:15 - 13:00 **Lunch**

THE PRETERM BRAIN

13:00 - 13:30 GMH-IVH AND WHITE MATTER DISEASE
M. Benders, *Utrecht, The Netherlands*

13:30 - 14:00 ACQUIRED HAEMORRHAGIC LESIONS OF THE CEREBELLUM
L. Ramenghi, *Genoa, Italy*

14:00 - 14:30 MRI AND US AT TERM EQUIVALENT AGE; PROGNOSTIC VALUE
L. de Vries, *Utrecht, The Netherlands*

14:30 - 15:00 **Coffee break**

15:00 -15:30 INTERESTING CASES FROM THE AUDIENCE AND THE SPEAKERS

15:30 - 16:00 SCORING THE PRETERM BRAIN AT TERM EQUIVALENT AGE WITH CONVENTIONAL MRI
M. Fumagalli, *Milan, Italy*

16:00 - 16:30 FILLING THE GAP BETWEEN CONVENTIONAL MRI AND DTI APPLICATIONS AND THE MOST RECENT EVOLUTIONS
S. Counsell, *London, UK*

16:30 - 17:00 BRAIN MATURATION OF THE PRETERM BRAIN BETWEEN HUMAN AND ANIMAL MODELS: WHAT HAVE WE LEARNED?
P. Huppi, *Genève, Switzerland*

17:00 - 17:15 SUMMARY - EVALUATIONS AND NEXT STEPS

"industry-sponsored course" (please see part 2 page 104-105)

09:00 - 16:30 **HALL 3**

PRE CONGRESS COURSE: 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
C. Poets, *Tübingen, Germany*

10:00 - 10:30 CMV INFECTION PROPHYLAXIS RELATED TO BREAST MILK FEEDING IN PRETERM INFANTS
C. Poets, *Tübingen, Germany*

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 - 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, *Gainsville, USA*

15:00 - 15:30 **Coffee break**

15:30 - 16:00 LC-PUFA REQUIREMENTS FOR PRETERM NEONATES
A. Lapillonne, *Paris, France*

16:00 - 16:30 FEEDING THE PRETERM AFTER DISCHARGE
A. Lapillonne, *Paris, France*

16:30 CONCLUSIONS

08:45 - 16:30 **HALL 4**

PRE CONGRESS COURSE: 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** break

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. Haumon, *Brussels, Belgium*

12:00 - 12:30 PREVENTION OF NEONATAL FUNGAL INFECTIONS
P. Manzoni, *Turin, Italy*

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 Use and misuse of antibiotics in nosocomial infections
K. Allegaert, *Leuven, Belgium*

15:00 - 15:30 **Coffee break**

15:30-16:30 PANEL DEBATE: WHICH PRACTICES TO DECREASE INFECTIONS IN NICU?
All speakers

16:30 CONCLUSIONS

09:00 - 17:00 **HALL 5**

PRE CONGRESS COURSE: FAMILY-CENTRED CARE

9:00 - 9:45 THE EVIDENCE BASE AND SYSTEMS PERSPECTIVES OF EARLY BRAIN PROTECTIVE INTERVENTIONS
B. Westrup, *Stockholm, Sweden*

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. Warren, *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**

PRE CONGRESS COURSE: COHORT STUDIES

9:00 - 9:15 WELCOME AND INTRODUCTION
T. Brink-Henriksen, *Aarhus, Denmark*

9:15 - 10:15 THE ANATOMY OF COHORT STUDIES, BASIC CONCEPTS
T. Brink-Henriksen, *Aarhus, Denmark*; C.C. Bach, *Aarhaus, Denmark* & Faculty

10:15 - 10:45 EXERCISE WITH ABSTRACTS: AIM, STUDY DESIGN AND MEASURES OF ASSOCIATION
T. Brink-Henriksen, *Aarhus, Denmark*; C.C. Bach, *Aarhaus, Denmark*; T. Williams, *Edimburg, UK* & Faculty

10:45 - 11:15 **Coffee break**

11:15 - 12:00 CAUSAL DIRECTED ACYCLIC GRAPHS (DAGs), CONFOUNDING, INTERMEDIATE VARIABLES, AND COLLIDER STRATIFICATION BIAS
C.C. Bach, *Aarhaus, Denmark*

12:00 - 12:15 EXERCISE: DRAWING DAGs
C.C. Bach, *Aarhaus, Denmark* & Faculty

12:15 - 13:00 SELECTION- AND INFORMATION BIAS +/- DAGS STRATEGY
L. Gagliardi, *Viareggio, Italy*

13:00 - 13:45 **Lunch**

13:45 - 14:15 MISSING VALUES AND MULTIPLE IMPUTATION
D. Virella, *Lisboa, Portugal*

14:15 - 15:00 EXERCISE: METHODS TO MINIMIZE BIAS AND CONFOUNDING: INCL DESIGN AND ANALYSES
L. Gagliardi, *Viareggio, Italy* & Faculty

15:00 - 15:30 **Coffee break**

15:30 - 16:15 WHAT IS THE PLACE FOR COHORT STUDIES IN THERAPEUTIC EVALUATION?
D. Virella, *Lisboa, Portugal*

16:15 - 17:00 QUESTIONS AND FOLLOW-UP ON DISCUSSION/FACULTY

09:00 - 17:00 **HALL 7**

PRE CONGRESS COURSE: NEAR-INFRARED SPECTROSCOPY

09:00 - 09:10 WELCOME & INTRODUCTION
E. Verhagen, *Rotterdam, The Netherlands*

09:10 - 09:50 PRINCIPLES OF NIRS: METHODOLOGY & INSTRUMENTATION
M. Wolf, *Zurich, Switzerland*

09:50 - 10:30 CEREBRAL NIRS 1: TRANSITION AT BIRTH
G. Pichler, *Graz, Austria*

10:30 - 11:00 **Coffee break**

11:00 - 11:40 CEREBRAL NIRS 2: AUTOREGULATION
F. Wong, *Monash, Australia*

11:40 - 12:20 CEREBRAL NIRS 3: LONGTERM OUTCOME
E. Verhagen, *Rotterdam, The Netherlands*

12:20 - 12:50 MULTI-SITE NIRS: RENAL/ABNOMINAL
E. Kooi, *Groningen, The Netherlands*

12:50 - 13:10 PRACTICAL DEMONSTRATION OF NIRS

13:10 - 14:00 **Lunch**

14:00 - 14:40 MULTIMODAL AND MULTICHANNEL NIRS
T. Austin, *Cambridge, UK*

14:40 - 15:20 NIRS AS A CLINICAL TOOL: THE SAFEBOOSC STUDY
S. Hyttel-Sorensen, *Copenhagen, Denmark*

15:20 - 16:00 NIRS AS A CLINICAL TOOL: PRO-CON DEBATE
W. de Boode, *Nymegen, The Netherlands*; G. Greisen, *Copenhagen, Denmark*

16:00 - 16:30 **Coffee break**

16:30 - 17:00 FUTURE DIRECTIONS: PANEL DISCUSSION

"industry-sponsored course" *(please see part 2 page 106)*

Wednesday, September 16th, 2015

17:30 - 19:00 **PLENARY HALL**

PLENARY SESSION: WELCOME

Chairpersons: **L. Zimmermann**, *Maastricht, The Netherlands*; **M. Sánchez-Luna**, *Madrid, Spain*

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 *(Nurse)*
Facilators: G.C. Di Renzo *(FIGO Secretary)*, N. Marlow *(Past President ESPR)*

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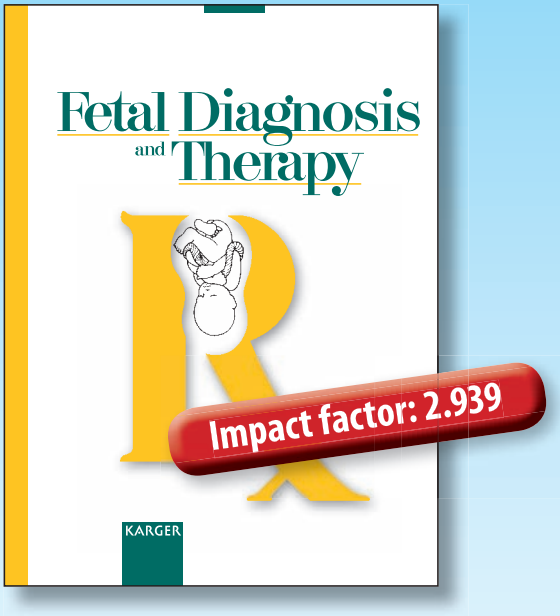

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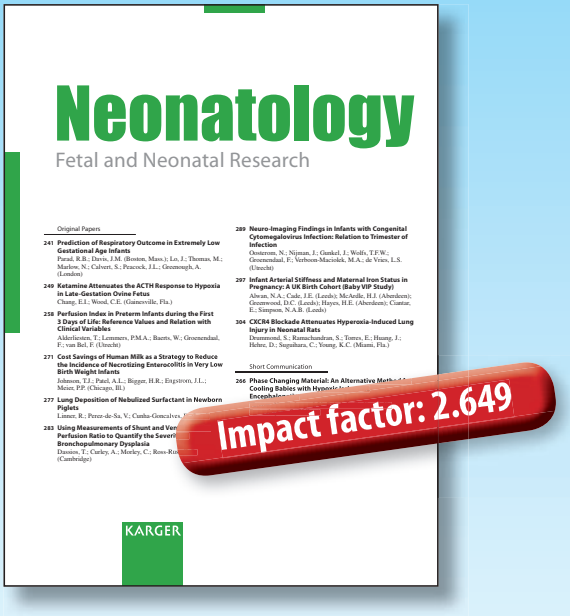

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Thursday, September 17th, 2015

09:00 - 11:00 **PLENARY HALL**

PARALLEL SESSION: NEW WAYS FOR DIAGNOSTICS AND IMAGING LUNG DISEASES

Chairperson: D. de Luca, *Paris, France*

09:00 - 09:30 **4D CT OF THE LUNG**
S. Hooper, *Monash, Australia*

09:30 - 10:15 **FUNCTIONAL APPLICATIONS OF LUNG ULTRASOUND TO NEONATAL RESPIRATORY DISEASE**
F. Raimondi, *Naples, Italy*

LUNG ULTRASOUND AND RESPIRATORY SUPPORT
L. Cattarossi, *Udine, Italy*

10:15 - 10:30 **EVALUATION OF PHYSIOLOGICAL ADAPTATION OF THE LUNG TO POSTNATAL LIFE BY LUNG ULTRASOUND (ID741)**
M. Federici; M.G. Pattumelli; F. Feleppa; C. Gizzi; L. Massenzi; A.M. Giua; S. Sinibaldi; M. Massoud; P.V. Federici *Rome, Italy*

10:30 - 10:45 **LUNG ULTRASOUND DIAGNOSTIC ACCURACY FOR PNEUMOTHORAX IN THE SUDDENLY DECOMPENSATING NEONATE: AN INTERNATIONAL, PROSPECTIVE STUDY (ID389)**
F. Migliaro; X. Rodriguez Fanjul; N. Youssef; I.Corsini; S. Aversa; L.Grappone; F. Raimondi on behalf of the LUCI investigators *Naples, Italy*

10:45 - 11:00 **NON-INVASIVE MONITORING OF OXYGEN IN THE LUNGS OF NEWBORN INFANTS BY DIODE LASER (ID856)**
M. Larsson; P. Lundin; E. Krite Svanberg; J. Åkeson; K. Svanberg; S. Svanberg; S. Andersson-Engels; V. Fellman Lund, *Sweden*

09:00 - 11:00 **HALL 1**

PARALLEL SESSION: ETHICS TRACK I

Chairpersons: **G. Greisen**, *Copenhagen, Denmark*; **D. Haumont,** *Brussels, Belgium*

09:00 - 09:40 ETHICAL QUESTIONS/CLINICAL RESEARCH
J. Lantos, *Kansas City, USA*

09:40 - 10:05 BIOETHICS AT THE BEDSIDE IN THE NICU
E.A.A.Verhagen, *Groningen, The Netherlands*

10:05 - 10:20 DECISION-MAKING FOR EXTREMELY PRETERM INFANTS: A SURVEY ABOUT THE ATTITUDES AND VALUES WITHIN A MULTI-CULTURAL SOCIETY (ID537)
M. Hendriks; H.U. Bucher; S. Klein; R. Baumann-Hölzle; J-C Fauchère, *Zurich, Switzerland*

10:30 - 10:45 LIMITING LIFE SUSTAINING TREATMENT FOR NEWBORN INFANTS: THE WILST STUDY (ID426)
N. Aladangady; C. Shaw; K. Gallagher; E. Stokoe; N. Marlow for Collaborator Group *London, UK*

10:45 - 11:00 NEONATAL ORGAN DONATION IN SCOTLAND (ID570)
L. Leven; N. Healy; K. O'Reilly, *Glasgow, UK*

09:00 - 11:00 **HALL 2**

PARALLEL SESSION: SYSTEMS MEDICINE IN NEONATOLOGY

Chairpersons: **P. Gressens,** *Paris, France;* **A. Lapillonne**, *Paris, France*

09:00 - 09:45 WHAT IS SYSTEMS MEDICINE?
O. Dammann, *Boston, USA*
SYSTEMS EPIDEMIOLOGY AND THE PREMATURE RETINA
O. Dammann, *Boston, USA*

09:45 - 10:00 IMPACT OF WHOLE BODY COOLING ON RESPIRATORY OUTCOMES IN MECONIUM ASPIRATION SYNDROME: INTERNATIONAL MULTICENTRE RETROSPECTIVE STUDY (ID358)
D. de Luca; D. Tingay; L. Perkins; A. van Kaam; A. Debray; C. Boussard; E. Valverde; S. Ares-Segura; M.P. De Carolis; C.C. Roehr; R. Jeenakeri; E.M. de Albuquerque-Diniz; C.E. Valdo-Carlomagno; W. Brunow de Carvalho; O. Danhaive; F. Mosca; P.G. Matassa; V. Vendettuoli; G. Conti; L. Lanciotti; V.P. Carnielli; M. Piastra, Paris, France

10:15 - 10:30 RISK MATERNAL FACTORS FOR NEC IN PREMATURES INFANTS WITH GA UNDER 28 WEEKS (ID223)
G. Olariu; L. Olariu; S. Olariu; M. Tunescu, *Timisoara, Romania*

10:30 - 10:45 CIRCULATING SALICYLIC ACID IN OBESE CHILDREN: ASSOCIATION WITH FRUIT AND VEGETABLE CONSUMPTION (ID519)
E. Verduci; C. Lassandro; B. Mariani; M. Brambilla; G. Radaelli; G. Banderali, *Milan, Italy*

10:45 - 11:00 ABNORMAL GLUCOSE HOMEOSTASIS AND LOW LEPTIN LEVELS IN NEWBORNS BORN TO VITAMIN D DEFICIENT MOTHERS (ID280)
N. Aslan; O. Pirgon; G. Sandal; M. Dundar, *Isparta, Turkey*

09:00-11:00 **HALL 3**

PARALLEL SESSION: METABOLISM AND NUTRITION TRACK I

Chairpersons: **M. Sánchez-Luna**, *Madrid, Spain*; **M. Domellöf**, *Umea, Sweden*

09:00 - 09:30 UPDATE ON IRON METABOLISM & IRON REQUIREMENTS IN PERINATOLOGY: ROLE OF HEPCIDIN IN FETAL AND POSTNATAL LIFE
S. Vaulont, *Paris, France*

09:30 - 10:00 UPDATE ON IRON METABOLISM & IRON REQUIREMENTS IN PERINATOLOGY: IRON SUPPLEMENTATION DURING PREGNANCY
M. Domellöf, *Umea, Sweden*

10:00 - 10:30 UPDATE ON IRON METABOLISM & IRON REQUIREMENTS IN PERINATOLOGY: IRON REQUIREMENTS OF INFANTS & TODDLERS
M. Domellöf, *Umea, Sweden*

10:30 - 10:45 GROWTH AND NUTRITIONAL BIOMARKERS OF PRETERM INFANTS FED A NEW POWDERED HUMAN MILK FORTIFIER: A MULTICENTER, RANDOMIZED, CONTROLLED, DOUBLE-BLIND CLINICAL TRIAL (ID289)
J. Spalinger; J.-M. Hascoët; C. Billeaud; J.-C. Picaud; F. Mosca; A. Rubio; E. Saliba; M. Radkë; U. Simeoni; B. Guillois; P. Steenhout; J. Jaeger; L. Ameye; N.P. Hays; J. Rigo, *Liège, Belgium*

10:45 - 11:00 CURRENT ESPGHAN RECOMMENDATIONS FOR PRETERM PARENTERAL NUTRITION - A RECIPE FOR SEVERE BIOCHEMICAL DISTURBANCES? (ID449)
S. Mulla; S. Cowey; R. Close; S. Pullan; R. Howe; J. Jones; L. Radbone; P. Clarke, *Norwich, UK*

09:00 - 11:00 **HALL 4**

PARALLEL SESSION: BRAIN TRACK I

Chairpersons: **M. Benders**, *Utrecht, The Netherlands*; **O. Baud**, *Paris, France*

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 INCIDENCE OF FOCAL PRETERM BRAIN INJURY IN A DUTCH CENTER SPECIALIZED IN TREATMENT OF EXTREMELY PRETERM BIRTH (ID695)
R. de Goederen; R. de Jonge; P. Govaert; M. Feijen-Roon; I. Reiss; J. Dudink, *Rotterdam, The Netherlands*

10:15 - 10:30 BRAIN INJURY IN THE INTERNATIONAL MULTICENTRE RANDOMISED SAFEBOOSC PHASE II FEASIBILITY TRIAL: CRANIAL ULTRASOUND AND MAGNETIC RESONANCE IMAGING ASSESSMENTS (ID 379)
A.M. Plomgaard; C. Hagmann; T. Alderliesten; T. Austin; F. van Bel; O. Claris; E. Dempsey; A. Franz; M. Fumagalli; C. Gluud; G. Greisen; S. Hyttel-Soerensen; P. Lemmers; A. Pellicer; G. Pichler; M. Benders, *Copenhagen, Denmark*

10:30 - 10:45 RELATIONSHIP BETWEEN DIFFUSION TENSOR IMAGING AND FINE MOTOR FUNCTION IN YOUNG ADULTS BORN WITH VERY LOW BIRTH WEIGHT (ID528)
K.A.I. Evensen; I.M. Husby; A. Olsen; J. Skranes; A.M. Brubakk; A.K. Håberg; L. Eikenes, *Trondheim, Norway*

10:45 - 11:00 INCIDENTAL FINDINGS ON ROUTINE MRI SCANS IN VLBW BABIES: SHOULD WE EXPECT THE UNEXPECTED? (ID889)
M. Malova; A. Parodi; M. Severino; G. Morana; A. Rossi; A. Sannia; L.A. Ramenghi, *Genova, Italy*

09:00 - 11:00 **HALL 5**

PARALLEL SESSION: CARE IN NEONATES

Chairpersons: **K. New,** *Brisbane, Australia;* **N. Thiele,** *Munich, Germany*

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, *Brisbane, Australia*

10:00 - 10.30 SKIN CARE, PRESSURE INJURIES AND MEASUREMENT TOOLS
D. August, *Townsville, 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: **B. Kramer**, *Maastricht, The Netherlands*; **I. Bendix**, *Essen, Germany*

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: BRAIN 1

Chairperson: **B. Gonzales**, *Rouen, France*; **U. Felderhoff-Müser**, *Essen, Germany*

13:30 - 13:35 N-ACETYLCYSTEINE AMIDE (NACA) MAY HAVE NEUROPROTECTIVE PROPERTIES AFTER PERINATAL ASPHYXIA (ID756)
T. Benterud

13:35 - 13:40 THE ASSOCIATION BETWEEN PATERNAL EDUCATIONAL LEVEL AND DEVELOPMENTAL DELAY IN PRETERM AND TERM-BORN CHILDREN AT AGE 4 (ID409)
S. de Jong; J.M. Kerstjens; A.E. den Heijer; A.F. Bos; S.A. Reijneveld; M.R. Potijk, *Groningen, The Netherlands*

13:40 - 13:45 FULL NEONATAL EEG MONITORING: HOW WELL CAN NICU NURSES AND PHYSICIANS DETECT SEIZURES? AN EYE-TRACKER STUDY (ID335)
L. De Wispelaere; R. Kharagjitsing; I. Reiss; L. Smit; J. Pel; P. Govaert; J. Dudink, *Rotterdam, The Netherlands*

13:45 - 13:50 SEPARATE EFFECTS OF LOW PATERNAL AND MATERNAL EDUCATIONAL LEVEL ON RISK OF DEVELOPMENTAL DELAY IN 4 YEAR OLD BOYS AND GIRLS (ID410)
S. de Jong; M.R. Potijk; A.E. den Heijer; S.A. Reijneveld; A.F. Bos; J.M. Kerstjens, *Groningen, The Netherlands*

13:50 - 13:55 SERUM COPEPTIN AS A DIAGNOSTIC MARKER FOR FEBRILE AND EPILEPTIC SEIZURES (ID728)
S. Kasser; B. Stöcklin; S. Fouzas; P. Schillinger; S. Cayir; R. Skendaj; M. Ramser; P. Weber; S. Wellmann, *Basel, Switzerland*

13:55 - 14:00 INCREASED RATES OF RETINOPATHY OF PREMATURITY AFTER INCREASING OXYGEN SATURATION TARGETS FOR VERY PRETERM INFANTS: A SINGLE-CENTRE EXPERIENCE (ID 037)
B. Manley; C.A. Kuschel; J.E. Elder; L.W. Doyle; P.G. Davis, *Parkville, Australia*

14:00 - 14:05 BLOOD PRESSURE DURING THE IMMEDIATE NEONATES TRANSITION: IS THE MIDDLE ARTERY PRESSURE (MAP) RELEVANT FOR THE REGIONAL CEREBRAL OXYGENATION (CRSO2)? (ID 747)
N. Baik; B. Urlesberger; B. Schwaberger; G. Schmölzer; A. Avian; G. Pichler, *Graz, Austria*

14:05 - 14:10 BETWEEN 1993 AND 2012: EVOLUTION OF CEREBRAL PALSY IN PRETERM CHILDREN (ID 755)
M. Bickle Graz; J. Schneider; A.C. Truttmann, *Lausanne, Switzerland*

14:10 - 14:15 N-ACETYLCYSTEINE AMIDE (NACA) REDUCES CELL DEATH AFTER EXPOSURE TO OXIDATIVE STRESS IN A PORCINE EPITHELIAL-LIKE EMBRYONIC EFN-R KIDNEY CELL LINE (ID754)
T. Benterud; Manueldas; Pankratov; Solberg; Nordgren; O.D. Saugstad; Baumbusch, *Oslo, Norway*

14:15 - 14:20 MELATONIN INDUCED IMMUNE CELL RESPONSES IN INFANTS WITH NEONATAL ENCEPHALOPATHY PRE AND POST THERAPEUTIC HYPOTHERMIA TREATMENT (ID802)
S. Aslam; V. McEneaney ; RWG. Watson; A. O'Neill; EJ. Molloy, *Dublin, Ireland*

14:20 - 14:25 REFERENCE RANGES FOR CEREBRAL TISSUE OXYGEN INDEX CTOI IN NEONATES DURING IMMEDIATE NEONTAL TRANSITION AFTER BIRTH (ID751)
N. Baik; B. Urlesberger; B. Schwaberger; G. Schmölzer; A. Avian; L. Mileder; G. Pichler, *Graz, Austria*

14:25 - 14:30 PSYCHOTROPIC DRUG USE DURING PREGNANCY: IS PROFESSIONAL OBSERVATION OF MOHTER AND INFANT NEEDED POST PARTUM? (ID073)
F. de Jong; F. Scheele; K. Dolman; A. Honig, *Amsterdam, The Netherlands*

14:30 - 14:35 NEUROPROTECTION BY NEURONAL OVEREXPRESSION OF THE SMALL GTPASE-RAS IN HYPEROXIA-INDUCED NEONATAL BRAIN INJURY (ID531)
M. Serdar; K. Kempe; J. Herz; R. Herrmann; B.S. Reinboth; R. Heumann; A. Ehrkamp; U. Felderhoff-Mueser; I. Bendix , *Essen, Germany*

14:35 - 14:40 BRAIN INTERSTITIAL PH CHANGES DURING THE SUBACUTE PHASE IN A NEWBORN PIGLET PERINATAL ASPHYXIA MODEL (ID721)
J. Németh, G. Remzső, V. Tóth-Szűki, F. Domoki, *Szeged, Hungary*

14:40 - 14:45 NEUROPROTECTIVE EFFECT OF REMIFENTANIL ON EXCITOTOXIC-INDUCED BRAIN DAMAGED IN NEONATAL MICE (ID488)
C. Chollat; F. Tourrel; M. Lecointre; Y. Ramdani; S. Marret; B. Gonzalez; S. Jégou, *Rouen, France*

14:45 - 14:50 THE SafeBoosC II TRIAL: REDUCING CEREBRAL HYPOXIA WITHOUT CHANGING EARLY BIOMARKERS OF BRAIN INJURY (ID378)
A.M. Plomgaard; W. van Oeveren; T.H. Petersen; T. Alderliesten; T. Austin; F. van Bel; M. Benders; O. Claris; E. Dempsey; A. Franz; M. Fumagalli; C. Gluud; C. Hagmann; S. Hyttel-Soerensen; P. Lemmers; A. Pellicer; G. Pichler, *Copenhagen, Denmark*

14:50 - 14:55 ADENOSINE LEVELS IN THE FIRST 30 DAYS OF LIFE AND RISK OF COMPLICATIONS IN VLBW (ID892)
M. Colella; M. Doglio; M. Cassanello; G. Candiano; R. Cerone; L.A. Ramenghi, *Genoa, Italy*

14:55 - 15:00 EEG DISCONTINUITY PREDICTS CEREBRAL TISSUE INJURY AND ADVERSE NEURODEVELOPMENT IN COOLED NEWBORNS (ID283)
J. Dunne; D. Wertheim; P. Clarke; O. Kapellou; P. Chisholm; J .Boardman; D. Shah, *London, UK*

13:30 - 15:00 **HALL 1**

POSTER SESSION: CIRCULATION

Chairperson: **G. Pichler,** *Graz, Austria*; **A. El-Khuffash,** *Dublin, Ireland*

13:30 - 13:35 EEG SLEEP SLOW WAVE ACTIVITY AS A POTENTIAL MARKER OF LOAD-DEPENDENT DEFICITS IN EXECUTIVE FUNCTIONS IN VERY PRETERM CHILDREN AND ADOLESCENTS (ID729)
F. Wehrle; B. Latal; R. O'Gorman; C. Hagmann; R. Huber, *Zurich, Switzerland*

13:35 - 13:40 TRANSITIONAL CHANGES IN CEREBRAL BLOOD VOLUME OF TERM AND PRETERM INFANTS WITH AND WITHOUT RESPIRATORY SUPPORT AFTER BIRTH (ID811)
B. Schwaberger; G. Pichler; A. Avian; C. Binder-Heschl; N. Baik; B. Urlesberger, *Graz, Austria*

13:40 - 13:45 BORDERLINE-HYPOTENSION, HOW DOES IT INFLUENCE THE CEREBRAL TISSUE OXYGENATION? (ID179)
C. Binder-Heschl; B. Urlesberger; B. Schwaberger; N. Baik; G. Pichler, *Graz, Austria*

13:45 - 13:50 PILOT STUDY OF DOBUTAMINE (DB) VERSUS PLACEBO (PL) FOR EARLY LOW SUPERIOR VENA CAVA (SVC) FLOW: LONG-TERM OUTCOME (ID561)
MC. Bravo; P. López-Ortego; L. Sánchez; R. Madero; F. Cabañas; A. Pellicer, *Madrid, Spain*

13:50 - 13:55 VALIDITY OF BIOMARKERS ON CARDIOVASCULAR SUPPORT (CVS): AN ANALYSIS IN RETROSPECT (ID684)
A. Pellicer; M.C. Bravo; P. López-Ortego; L. Sanchez; R. Madero; F. Cabañas and the Neocirculation Study Group *Madrid, Spain*

13:55 - 14:00 HAEMODYNAMICS IN PRETERM INFANTS WITH PATENT DUCTUS ARTERIOSUS (HAPI-PDA STUDY): A PILOT STUDY (ID112)
C. Kotidis; N. Subhedar; M. Weindling; M. Turner, *Liverpool, UK*

14:00 - 14:05 A STUDY TO VALIDATE THE DURATION OF ASSESSMENT OF BASELINE NIRS VALUES IN PRETERM BABIES WITH ECHOCARDIOGRAPHICALLY-CONFIRMED PDA (ID535)
C. Kotidis; M. Turner, *Liverpool, UK*

14:05 - 14:10 A PROSPECTIVE STUDY INTO THE GENERATION OF INDIVIDUALISED OPTIMAL MEAN ARTERIAL BLOOD PRESSURE (MABP) MEASUREMENTS USING NEAR-INFRARED SPECTROSCOPY (NIRS) IN THE PRETERM NEONATE. (ID608)
G. Stevenson; C. Costa; M. Czosnyka; P. Smielewski; T. Austin, *Cambridge, UK*

14:10 - 14:15 ASSESSMENT OF PULMONARY HEMODYNAMIC FUNCTION IN PRETERM INFANTS: MATURATIONAL PATTERNS OF PULMONARY ARTERY ACCELERATION TIME (ID099)
A. El-Khuffash, M.D. Patel; A.T. James; P.J. McNamara; A. Jain; O. Franklin; A. Mathur; C. Lee; A. Hamvas; G.K. Singh; L. Mertens; P.T. Levy, *Dublin, Ireland*

14:15 - 14:20 AFTERLOAD REDUCTION IN CATECHOLAMINE-RESISTANT SHOCK IN EXTREME PREMATURITY: NOVEL THERAPY WITH OLD DRUG FOR AN UNRECOGNIZED FACTOR IN SHOCK (ID326)
D. Hariharan; G. Veluswami; L. Balasubramanian; V. Kannappan; R. Sahadevan, *Chennai, India*

14:20 - 14:25 HEART FUNCTION ASSESSMENT IN ASPHYXIA; SPECKLE TRACKING ECHOCARDIOGRAPHY PERFORMS BETTER THAN TISSUE DOPPLER ECHOCARDIOGRAPHY AND FRACTIONAL SHORTENING (ID279)
E. Nestaas; A. Støylen; D. Fugelseth, *Oslo, Norway*

14:25 - 14:30 GLOBAL RIGHT VENTRICULAR FRACTIONAL AREA CHANGE IS A SURROGATE MARKER FOR SYSTEMIC BLOOD FLOW IN PRETERM INFANTS (ID058)
J.D. Corcoran; O. Franklin; A. EL-Khuffash, *Dublin, Ireland*

14:30 - 14:35 NON-INVASIVE ASSESSMENT OF DIASTOLIC MYOCARDIAL PROPERTIES IN ELBW NEONATES (ID852)
T. Kovacs; G. Mogyorosy; A. Kertesz; A. Borbely; Z. Papp; Gy. Balla, *Debrecen, Hungary*

14:35 - 14:40 CURRENT PRACTICES ON HEMODYNAMIC MONITORING IN NEONATAL INTENSIVE CARE: AN INTERNATIONAL SURVEY (ID388)
S. Vrancken; L. Frijns; K. Liem; J. Hopman; J. Lemson; A. van Heijst; W. de Boode, *Nijmegen, The Netherlands*

14:40 - 14:45 NOVEL NON-INVASIVE MEASUREMENTS IN THE ASSESSMENT OF NORMAL CARDIOVASCULAR ADAPTATION IN TERM & NEAR TERM INFANTS (ID515)
L. Mahoney; D. Wertheim; J.R. Fernandez Alvarez; N.Aiton; H. Rojas-Anaya; P. Seddon; H. Rabe, *Brighton, UK*

14:45 - 14:50 STROKE VOLUME AND CARDIAC OUTPUT MEASURED BY ELECTRICAL CARDIOMETRY IN PREMIES: ACCURACY AND REFERENCE NOMOGRAMS (ID169)
A. Boet; G. Jourdain; J.L. Chabernaud; S. Demontoux; D. De Luca, *Paris, France*

14:50 - 14:55 UK SURVEILLANCE OF SURGICAL LIGATION OF THE PATENT DUCTUS ARTERIOSUS (PDA) IN PREMATURE BABIES PRIOR TO FIRST DISCHARGE HOME (ID611)
A. Lakshmanan; L. Lee; T. Crosby; W. Kelsall, *Leicester, UK*

14:55 - 15:00 LONGITUDINAL CARDIAC CHANGES IN PRETERM INFANTS WITH PROLONGED EXPOSURE TO A PATENT DUCTUS ARTERIOSUS (ID181)
K. de Waal; N. Phad, *Newcastle NSW, Australia*

15:00 - 15:05 A PATENT DUCTUS ARTERIOSUS SEVERITY SCORE INCORPORATING MARKERS OF HAEMODYNAMIC SIGNIFICANCE AND LEFT VENTRICLE DIASTOLIC FUNCTION PREDICTS CHRONIC LUNG DISEASE (ID050)
A. EL-Khuffash; A.T. James; J.D. Corcoran; P. Dicker; O. Franklin, Y.N. Elsayed; J. Ting; A. Sehgal; a. Malikawi; A. Harabor; A.S. Soraisham; P.J. McNamara, *Dublin, Ireland*

13:30 - 15:00 **HALL 2**

POSTER SESSION: PULMONARY POSTER 1: Ventilation and breathing

Chairperson: **R. Hentschel**, *Freiburg, Germany*; **D. de Luca**, *Paris, France*

13:30 - 13:35 THE EFFECT OF CHANGING OXYGEN SATURATION TARGET RANGE ON COMPLIANCE IN OXYGEN SATURATION TARGETING IN THE NEONATAL INTENSIVE CARE UNIT (ID663)
H.A. van Zanten; S. Pauws; E.C.H. Beks; B.J. Stenson; E. Lopriore; A.B. te Pas, *Leiden, The Netherlands*

13:35 - 13:40 BINASAL PRONG VERSUS NASAL MASK FOR APPLYING CPAP TO PRETERM INFANTS: RANDOMIZED CONTROLLED TRIAL (ID448)
B. Say; G. Kanmaz; S.S. Oguz, *Ankara, Turkey*

13:40 - 13:45 TRAINING AND RAISING AWARENESS IMPROVES COMPLIANCE IN OXYGEN SATURATION TARGETING IN THE NEONATAL INTENSIVE CARE UNIT (ID660)
H.A. van Zanten; S. Pauws; E.C.H. Beks; B.J. Stenson; E. Lopriore; A.B. te Pas, *Leiden, The Netherlands*

13:45 - 13:50 CORRELATION AND INTERCHANGEABILITY OF VENOUS AND CAPILLARY BLOOD GASES FOR MONITORING GAS EXCHANGE IN THE NEONATAL INTENSIVE CARE UNIT (ID669)
R. Tan; S. Pauws; M. van Biemen; E. Lopriore4; A.B. te Pas, *Leiden, The Netherlands*

13:50 - 13:55 PROGESTERONE DECREASES VENTILATION AND ENHANCES APNEA IN DEVELOPING RATS CHRONICALLY TREATED WITH CAFFEINE. (ID244)
N. Uppari; V. Joseph; A. Bairam, *Quebec, Canada*

13:55 - 14:00 ALTERATION OF TONIC GABAERGIC INHIBITION ON CONTROL OF BREATHING IN 12 DAYS OLD RATS CHRONICALLY TREATED WITH CAFFEINE. (ID245)
N. Uppari; V. Joseph; A. Bairam, *Quebec, Canada*

14:00 - 14:05 DIAPHRAGMATIC FUNCTION BEFORE AND AFTER APPLICATION OF EXTERNAL INSPIRATORY LOADING IN PRETERM AND TERM INFANTS (ID776)
G. Dimitriou; S. Fouzas; A. Vervenioti; P. Pelekouda, *Patras, Greece*

14:05 - 14:10 A RANDOMIZED TRIAL OF LOW FLOW OXYGEN VERSUS NASALCPAP IN PRETERM INFANTS (ID027)
C. Heiring; J. Steensberg; M. Bjerager; G. Greisen, *Copenhagen, Denmark*

14:10 - 14:15 WEANING OF NASAL CPAP IN SCANDINAVIA (ID137)
H. Bergseng; M. Elden; I.S. Hjort; R.Stoen, *Trondheim, Norway*

14:15 - 14:20 NASAL INTERMITTENT POSITIVE PRESSURE VENTILATION VERSUS BI-LEVEL NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE FOLLOWING EXTUBATION IN INFANTS < 1250 G BIRTHWEIGHT: PRELIMINARY REPORT (ID699)
N. Okur; M. Buyuktiryaki; F. N. Sari; E. Dizdar; N. Uras1; F. Canpolat, S.S. Oguz, *Ankara, Turkey*

14:20 - 14:25 A PROSPECTIVE RANDOMIZED, CONTROLLED TRIAL COMPARING HUMIDIFIED HIGH FLOW NASAL CANNULA VERSUS NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE AS RESPIRATORY SUPPORTS AFTER EXTUBATION IN PRETERM INFANTS (ID621)
E.H. Lee; J. Shin; Y.S. Kim; B.M. Choi Seoul, *Republic of Korea*

14:25 - 14:30 LEAKAGE DURING NONINVASIVE HIGH FREQUENCY OSCILLATORY VENTILATION IMPROVES CARBON DIOXIDE CLEARANCE IN A NEONATAL LUNG MODEL (ID364)
D. Klotz; D. Stavropoulou; C. Schäfer; R. Hentschel; S. Schumann; H. Fuchs, *Freiburg, Germany*

14:30 - 14:35 IMPACT OF NASAL PRONG RESISTANCE ON PRESSURE DELIVERY DURING NON-INVASIVE VENTILATION WITH FIXED AND VARIABLE FLOW USING A PNEUMATIC LUNG MODEL (ID648)
A. Maturana; F. Cavigioli; A. Aliverti; C. Mendez; G. Lista, *Santiago, Chile*

14:35 - 14:40 COMPARISON EXTUBATION FAILURE IN NIV-NAVA AND NCPAP FOR PRETERM INFANTS (ID650)
ByoungKook Lee; Hye-Rim Kim; Young Hwa Jung; Seung Han Shin; Chang Won Choi; Ee-Kyung Kim; Han-Suk Kim; Beyong Il Kim; Jung-Hwan Choi Seongnam, *Republic of Korea*

14:40 - 14:45 HIGH FLOW SUPPORT IN VERY PRETERM INFANTS WITHIN THE AUSTRALIAN & NEW ZEALAND NEONATAL NETWORK (ANZNN) 2009 - 2012 (ID465)
C. Roberts; L. Owen; B. Manley; P. Davis; for the ANZNN, *Melbourne, Australia*

14:45 - 14:50 TRENDS IN NEONATAL RESPIRATORY SUPPORT IN THE AUSTRALIAN & NEW ZEALAND NEONATAL NETWORK (ANZNN) 2009 - 2012 (ID463)
C. Roberts; B. Manley; L. Owen; P. Davis; for the ANZNN, *Melbourne, Australia*

14:50 - 14:55 ACCURACY OF TRANSCUTANEOUS MEASUREMENT OF CO2 IN NEONATES (ID191)
G. Magyarová; M. Kovácsová; E. Radvanská; H. Koňošová, *Zámky, Slovakia*

14:55 - 15:00 EXTUBATING EXTREMELY PRETERM INFANTS: PREDICTORS OF SUCCESS AND OUTCOMES OF FAILURE (ID036)
L.S. Owen; L.W. Doyle; P.G. Davis, *Parkville, Australia*

13:30 - 15:00 **HALL 3**

POSTER SESSION: NUTRION & GASTROENTEROLOGY POSTER SESSION 1

Chairperson: **S. Arslanoglu**, *İzmir, Turkey*; **N. Embleton**, *Newcastle, UK*

13:30 - 13:35 EARLY FORMULA MAY HELP SUPPORT LONG-TERM BREASTFEEDING (ID706)
Z. Stranak; J. Kolarova; M. Cerna, *Prague, Czech Republic*

13:35 - 13:40 RECRUITING AHEAD OF SCHEDULE TO A LARGE FEEDING TRIAL; LESSONS LEARNT FROM SIFT; THE SPEED OF INCREASING MILK FEEDS TRIAL. (ID800)
J. Dorling; J. Abbott; J. Berrington; E. Boyle; Z. Chivers; N. Embleton; E. Juszczak; A. Leaf; L. Linsell; S. Johnson; K. McCormick; W. McGuire; T. Roberts; B. Stenson SIFT Investigators Group

13:40 - 13:45 A SYNBIOTIC MIXTURE OF scGOS/lsCFOS AND BIFIDOBACTERIUM BREVE M-16V IS ABLE TO RESTORE THE DELAYED COLONIZATION OF BIFIDOBACTERIA IN C-SECTION DELIVERED INFANTS (ID381)
M.C. Chua; C. Chew; A. Goh; W.C. Chiang; R. Rao; C. Lay; K. Ben-Amor; S. Chaithongwongwatthana; N. Khemapech; K. Knol; V. Chongsrisawat, *Utrecht, The Netherlands*

13:45 - 13:50 PRETERM SINGLE DONOR MILK FROM MOTHERS OF PRETERM INFANTS TO START ENTERAL FEEDINGS IN VERY LOW BIRTH WEIGHT INFANTS (ID024)
E. Sauerzapf; A. Repa; C. Binder; M. Thanhaeuser; B. Jilma; A. Berger; N. Haiden, *Vienna, Austria*

13:50 - 13:55 PROTEIN ACCRETION AND RESTING ENERGY EXPENDITURE IN VERY LOW BIRTH WEIGHT PRETERM INFANTS ACCORDING TO FEEDING REGIMEN (ID509)
M.L. Giannì; L. Morlacchi; P. Roggero; E. Battiato; B. Bracco; A. Polimeni; F. Mosca, *Milan, Italy*

13:55 - 14:00 THICKENED PARTIALLY HYDROLYZED MILK FORMULA ADDED WITH L REUTERI DECREASE THE NUMBER OF REGURGITATION IN INFANTS AMELIORATE THE GASTRIC MOTILITY (ID503)
F. Indrio; A. Di Mauro; L.Trovè; G. Brindisi, *Bari, Italy*

14:00 - 14:05 MATERNAL NUTRITION AND GLYCAEMIC INDEX DURING PREGNANCY IMPACTS ON OFFSPRING ADIPOSITY AT 6 MONTHS OF AGE - ANALYSIS FROM THE ROLO RANDOMISED CONTROLLED TRIAL (ID266)
M.K. Horan; C.A. McGowan; E.R. Gibney; J. Byrne; J.M. Donnelly; F.M. McAuliffe, *Dublin, Ireland*

14:05 - 14:10 PREGNANCY COMPLICATIONS AND EARLY POSTNATAL GROWTH VELOCITY IN VERY PRETERM INFANTS (ID513)
L. Gagliardi; R. Bellù; E. Bertino; C. Corchia; E.M. Edwards; J.D. Horbar; R.F. Soll ; E. Spada; R. Zanini, *Lecco, Italy*

14:10 - 14:15 RESPIROMETRY OF VIABLE PLATELETS SUGGESTS MITOCHONDRIAL DISORDER IN FOUR NEWBORNS WITH SEVERE METABOLIC ACIDOSIS (ID757)
N. Tomasic; H. Kotarsky; M. Hansson; E. Eklund; E. Elmer; V. Fellman, *Lund, Sweden*

14:15 - 14:20 COMPARISON BETWEEN RENAL PHOSPHATE HANDLING OF PREMATURE INFANTS OF 23-26 AND 27-32 WEEKS GESTATIONAL (ID005)
Z.P. Halaba; J. Stępień; P. Adamczyk; H. Sławska; G Ziomek, *Silesia, Poland*

14:20 - 14:25 IMPLEMENTING AND SUSTAINING IMPROVED NUTRITIONAL CARE OF PRETERM INFANTS IN NEONATAL INTENSIVE CARE USING A PRACTICE BASED COMPLEX INTERVENTION (ID487)
M. Johnson; F. Pearson; J. Pond; A. Emm; A. Leaf, *Southampton, UK*

14:25 - 14:30 THE ASSOCIATION BETWEEN MATERNAL NUTRITION AND LIFESTYLE DURING PREGNANCY AND OFFSPRING ADIPOSITY AT 2 YEARS OF AGE – ANALYSIS FROM THE ROLO STUDY (ID270)
M.K. Horan; J.M. Donnelly; C.A. McGowan; E.R. Gibney; F.M. McAuliffe, *Dublin, Ireland*

14:30 - 14:35 ADIPONECTIN CONCENTRATIONS ARE TIGHTLY ASSOCIATED WITH POSTNATAL GLUCOSE CONTROL IN VERY PRETEM INFANTS (ID286)
I. Hansen-Pupp; C Löfqvist; A-L Hård; G Hellgren; L Smith; A. Hellström, *Lund, Sweden*

14:35 - 14:40 IS MILKOSCAN® A RAPID INFRARED ANALYZER, AFTER A SPECIFIC CALIBRATION, ACCURATE AND PRECISE ENOUGH FOR HUMAN MILK FORTIFICATION? (ID551)
V. de Halleux; R. Buffin; F. Sudsinsky; J.C. Picaud; J. Rigo, *Liège Belgium*

14:40 - 14:45 CORD BLOOD LEPTIN AND IGF-1 ARE SUITABLE BIOCHEMICAL MARKERS TO DISTINGUISH BETWEEN NEWBORNS WITH SIMPLE FETAL MACROSOMIA AND INFANTS OF A DIABETIC MOTHER (ID524)
R. Hentschel; J. Trost; M. Thill; A. Krause; M. Kunze; O. Schwab, *Freiburg, Germany*

14:45 - 14:50 EARLY FRESH HUMAN MILK REDUCES THE RISK OF SEPSIS IN VERY LOW BIRTH WEIGHT INFANTS (ID891)
R. Nieto; A. Dinerstein; C. Solana; D. Ventura; M. Larguía; F. General, *Buenos Aires, Argentina*

14:50 - 14:55 FRENOTOMY FOR TONGUE-TIE IN NEWBORN INFANTS: A SYSTEMATIC REVIEW (ID485)
J.E. O'Shea; J.P. Foster; S.E. Jacobs; C.P.F. O'Donnell; D.A. Todd; P.G. Davis, *Melbourne, Australia*

14:55 - 15:00 COMPARISON OF FAT MASS INDEX, PERCENTAGE OF FAT MASS AND BODY MASS INDEX AS INDICATORS IN MONITORING THE TREATMENT OF OBESITY IN PREPUBERTAL CHILDREN (ID309)
L. Pereira-da-Silva; M. Pitta-Grós-Dias; E. Dionísio; D. Virella; M. Alves; G. Cordeiro-Ferreira, *Lisbon, Portugal*

13:30 - 15:00 **HALL 4**

POSTER SESSION: BRAIN 2

Chairperson: **O. Dammann**, *Boston, USA*; **D. Murray**, *Cork, Ireland*

13:30 - 13:35 DEVELOPMENT OF STRUCTURED REPORTING FOR MRI IMAGES OF NEONATES WITH PERINATAL ASPHYXIA (ID828)
M. Kolossváry; A. Lakatos; Z. Bagyura; L.R. Kozák; M. Szabó; P. Maurovich-Horvat; G. Rudas, *Budapest Hungary*

13:35 - 13:40 APGAR SCORES PREDICT ENCEPHALOPATHY MORE THAN BIOCHEMICAL MARKERS (ID308)
R. Jones; A. Heep; D. Odd, *Bristol, UK*

13:40 - 13:45 EFFECTS OF VENTILATION ON THE CEREBRAL CORTEX FOLLOWING INTRAUTERINE INFLAMMATION IN PRETERM LAMBS (ID145)
A. Atik; B. Skiöld; S. Barton; J. Pearson; Q. Wu; V. Zahra; A. Moxham; S. Hooper; M. Tolcos; R. Galinsky; G. Polglase, *Melbourne, Australia*

13:45 - 13:50 REFERENCE VALUES FOR THE NEUROPEPTIDE SECRETONEURIN IN HEALTHY TERM NEWBORNS (ID061)
A. Schmid; M. Höck; A. Posod; M. Urbanek; R. Fischer-Colbrie; V. Neubauer; U. Kiechl-Kohlendorfer; E. Griesmaier, *Innsbruck, Austria*

13:50 - 13:55 BODY CORE TEMPERATURE: A NOVEL BIOMARKER FOR HYPOXIC-ISCHAEMIC ENCEPHALOAPTHY (ID259)
D. Jayasinghe; L. Wilcox, *Nottingham, U.K*

13:55 - 14:00 EFFICACY, SAFETY AND COMORBID EVENTS DURING TRANSPOR-T OF ASPHYXIATED NEWBORNS TO A TERTIARY CENTRE FOR THERAPEUTIC HYPOTHERMIA (ID804)
N. Carreras; M. Alsina; G. Arca; M. León; A. García-Alix, *Barcelona, Spain*

14:00 - 14:05 BRAIN WHITE MATTER INJURY ASSOCIATED WITH NEONATAL SEIZURE AFTER ROTAVIRUS INFECTION (ID632)
M.J. Kim; S.Y. Byun, *Busan, Korea*

14:05 - 14:10 NOVEL PLASMA AND CEREBROSPINAL FLUID BIOMARKERS OF HYPOXIC-ISCHEMIC ENCEPHALOPATHY IDENTIFIED BY MASS SPECTROMETRY (ID474)
K.J. Kyng; A. Edhager; C.S. Andreassen; T.B. Henriksen; N. Gregersen; J. Palmfeldt, *Aarhus, Denmark*

14:10 - 14:15 RISK OF HYPOCAPNIA IN ASPHYXIATED NEWBORNS TREATED WITH EARLY THERAPEUTIC HYPOTHERMIA (ID832)
E. Szakmar; A. Jermendy; A. Nagy; A. Szell; A. Berenyi; B. Bundzsity; A. Cseko; G. Bokodi; D. Kelen; U. Meder; Zs. Somogyvari; M. Szabo, *Budapest, Hungary*

14:15 - 14:20 INCIDENCE AND RISK FACTORS OF INTRAVENTRICULAR HEMORRHAGE IN INFANTS INBORN AND OUTBORN THIRD LEVEL HOSPITALS BEFORE 32 WEEKS OF PREGNANCY (ID492)
D. Szpecht; M. Szymankiewicz; J. Gadzinowsk, *Poznan, Poland*

14:20 - 14:25 IMPAIRMENT OF OLIGODENDROGLIAL DEVELOPMENT IN VITRO AT 21 % O2 IS ATTENUATED BY STABILIZATION OF HYPOXIA-INDUCIBLE FACTOR 1A (ID206)
C. Brill; R. Herrmann; C. Bührer; T. Schmitz, *Berlin, Germany*

14:25 - 14:30 PREDICITING WHITE MATTER DAMAGE BY EVALUATION OF THE LINEAR GROWTH RATE OF CORPUS CALLOSUM IN VERY LOW BIRTH WEIGHT INFANTS (ID395)
H. Huang; C. Chen; H. Chou; P. Tsao; W. Hsieh, *Taipei, Taiwan*

14:30 - 14:35 REGIONAL AND DEVELOPMENTAL SCREENING OF BILIRUBIN TOXICITY: HIPPOCAMPUS IS THE MOST SENSIBLE REGION (ID130)
M. Dal Ben; C. Tiribelli; S. Gazzin, *Trieste, Italy*

14:35 - 14:40 EEG SLEEP SLOW WAVE ACTIVITY AS A POTENTIAL MARKER OF LOAD-DEPENDENT DEFICITS IN EXECUTIVE FUNCTIONS IN VERY PRETERM CHILDREN AND ADOLESCENTS (ID729)
F. Wehrle; B. Latal; R. O'Gorman; C. Hagmann; R. Huber, *Zurich, Switzerland*

14:40 - 14:45 HEAD GROWTH AND NEURODEVELOPMENTAL OUTCOME AT 1 YEAR FOLLOWING FETAL GROWTH RESTRICTION (ID445)
M. Boyle; R. Pinnamaneni, J. Unterscheider; F. Malone; N. McCallion; A. Foran, *Dublin, Ireland*

14:45 - 14:50 IS DELAYED NORMALISATION OF PLASMA LACTATE IN COOLED BABIES WITH HYPOXIC ISCHAEMIC ENCEPHALOPATHY ASSOCIATED WITH A POOR OUTCOME? (ID473)
N. Ide Bergamaschi; P. Clarke, *Norwich, UK*

14:50 - 14:55 SPATIAL LEARNING AND MEMORY IN PRETERM PIGS (ID682)
A.D. Andersen; L. Langhorn; P.T. Sangild; T. Thymann, *Copenhagen, Denmark*

14:55 - 15:00 COGNITIVE FUNCTIONING IN EARLY ADOLESCENCE IN CHILDREN BORN AT OR LESS THAN 25 WEEKS OF GESTATION AFTER ACTIVE PERINATAL CARE IN 1990S. (ID486)
A. Farooqi; M. Adamsson; F. Serenius; B. Hägglöf, *Umeå, Sweden*

13:30 - 15:00 **HALL 5**

POSTER SESSION: CARE, EDUCATION AND TRAINING IN NEONATOLOGY

Chairperson: **H. Rabe**, *Brighton, UK*; **J.-M. Hascoet,** *Nancy, France*

13:30 - 13:35 MEDICAL STAFF PERCEPTIONS OF THE COST OF CONSUMABLE ITEMS USED IN NEONATAL INTENSIVE CARE (ID709)
A.R. Geoghegan; S. Moore; C.P.F. O'Donnell, *Dublin, Ireland*

13:35 - 13:40 TELEMEDICINE IN NEONATAL HOMECARE (ID500)
K.G. Holm; A. Brodsgaard; G. Zachariassen; J. Clemensen, *Odense, Denmark*

13:40 - 13:45 OXYGEN SATURATION LEVELS IN PRETERM INFANTS IN DELIVERY ROOM (ID640)
S. Uslu; U. Zubarioglu; S. Sozeri; A. Bulbul; M. Dursun; E. Turkoglu, *Istanbul, Turkey*

13:45 - 13:50 FIRST DAYS IN NICU - ARE GRADUATES WELL PREPARED FOR WORK? (ID393)
P. Ostrogórska; K. Lorenc; A. Dziad; A. Suder; A. Kulig; I. Opach; A. Gniadek, *Krakow, Poland*

13:50 - 13:55 A TWO SECOND VISUAL METRONOME IMPROVES CARDIAC COMPRESSIONS DURING NEWBORN RESUSCITATION SIMULATION (ID588)
C. Henry; S. Coleman; E. Murphy; S. Tan; C. Tamakloe; P. Blanchfield; D. Sharkey, *Nottingham, UK*

13:55 - 14:00 A NEW SURVEY IN NEONATAL RESUSCITATION IN SPAIN (ID510)
M. Izquierdo; M. Iriondo; M.Thio, *Barcelona, Spain*

14:00 - 14:05 THE INTEGRATION OF EFFECTIVE PERINATAL AND NEONATAL CARE IN KYRGYZSTAN (ID221)
S. Abduvalieva; K. Uzakbaev; C. Rakhmanova; A. Askerov, *Bishkek, Kyrgyz Republic*

14:05 - 14:10 UMBILICAL ARTERY INSERTION IN NEWBORN INFANTS: ACCURACY OF 11 AVAILABLE FORMULAE TO GUIDE CATHETER TIP PLACEMENT (ID794)
W.L. Lean; J.A. Dawson; C. Theda; P.G. Davis; M. Thio, *Melbourne, Australia*

14:10 - 14:15 NEONATAL VIDEOLARYNGOSCOPY AS A TEACHING AID - THE TRAINEES' PERSPECTIVE (ID498)
J.E. O'Shea; M. Thio; C.O.F. Kamlin; L. McGrory; C. Wong; M. Campbell; J. John; C. Roberts; C. Kuschel; P.G. Davis, *Melbourne, Australia*

14:15 - 14:20 ACCURACY OF METHODS TO ESTIMATE THE INSERTION LENGTH OF UMBILICAL VENOUS CATHETERS IN NEWBORN INFANTS (ID803)
W.L. Lean; J.A. Dawson; C. Theda; P.G. Davis; M. Thio, *Melbourne, Australia*

14:20 - 14:25 STRATEGIES FOR EFFECTIVE LEARNING AT THE INAUGURAL NEONATAL CRANIAL ULTRASOUND WORKSHOP (ID100)
M.V. Fortier; D.K.L. Chan; V.R. Baral, *Singapore*

14:25 - 14:30 RELATIONSHIP BETWEEN ANXIETY LEVELS AND CLINICAL PRACTICE SKILLS AMONG STUDENTS OF PEDIATRIC NURSING LECTURE (ID470)
A.S. Kurt; F.T. Arslan; S. Özkan; R. Çelen; D.A. Çakır, *Karaman, Turkey*

14:30 - 14:35 ACCURACY OF SMARTPHONES FOR REVIEWING TRANSMITTED IMAGES OF NEONATAL X-RAYS (ID772)
T. Vasko; M. Westberg; J.A.; L.S. Owen; M. Thio; R. Bhatia; S. Donath; P.G. Davis, *Melbourne, Australia*

14:35 - 14:40 PERCEPTION OF NEONATAL SIMULATION AMONGST DIFFERENT PROFESSIONALS IN A LEVEL 3 NEONATAL UNIT: A 2-YEAR EXPERIENCE IN LUTON AND DUNSTABLE (ID025)
D. Wari-Pepple; H. Doyle; S.Shanmugalingam; C.Chetcuti-Ganado, *Luton, UK*

14:40 - 14:45 SUCCESS IN NEONATAL SKILLS & SCENARIO TEACHING IN NORTHERN IRELAND (ID402)
C. Duncan; D. Leemon; D.L. Armstrong, *Northern Ireland*

14:45 - 14:50 STANDARDIZED PROCEDURAL SKILLS TRAINING WITH A DOCUMENTED LEARNING OUTCOME (ID475)
K.J. Kyng; T. Skajaa; R. Kaa; S. Kerrn-Jespersen; K. Bennedsgaard; B. Høst; S. Rubak; T.B. Henriksen, *Aarhus, Denmark*

14:50 - 14:55 LUNG ULTRASOUND TRAINING REDUCES RADIATION EXPOSURE IN NICU-ADMITTED PRETERM NEONATES (ID103)
G. Escourrou; N. Yousef; A. Debray; C. Boussard; D. De Luca, *Paris, France*

14:55 - 15:00 DECREASE OF ADMISSION HYPOTHERMIA AMONG NEWBORNS IN NICU (ID433)
A. Bystricka; J. Abu Asbeh; M. Qadir; K. Annadurai; J.M. Khan, *Abu Dhabi, United Arab Emirates*

15:00 - 17:00 **PLENARY HALL**

PARALLEL SESSION: ANTIBIOTIC RESISTANCE & ANTIBIOTIC STEWARDSHIP

Chairperson: E. Castagnola, *Genoa, Italy*

15:00 - 15:30 HOW TO BALANCE THE INTERESTS OF MY PATIENTS AGAINST OF THE OTHER PATIENTS IN MY UNIT/HOSPITAL/SOCIETY
G. Greisen, *Copenhagen, Denmark*

15:30 - 16:00 USE OF CLINICAL GUIDELINES IN ANTIMICROBIAL STEWARDSHIP
E. Castagnola, *Genoa, Italy*

16:00 - 16:15 EFFICACY OF SYSTEMIC FLUCONAZOLE PROPHYLAXIS IN REDUCTION OF SYSTEMIC CANDIDIASIS IN EXTREMELY LOW BIRTHWEIGHT (ELBW) INFANTS. (ID820)
V.S. Rajadurai; B.Sriram; P.C.Khoo; J.M.Manuel, P. Agarwal, *Singapore*

16:15 - 16:30 RANDOMIZED TRIAL OF CHLORHEXIDINE VERSUS POVIDONE-IODINE FOR SKIN ANTISEPSIS PRIOR TO CENTRAL VENOUS CATHETER INSERTION IN PRETERM INFANTS (EUDRACT 2011-002962-19) (ID366)
E. Kieran; A. O'Sullivan; J. Miletin; A. Twomey; S. Knowles; C. O'Donnell, *Dublin, Ireland*

16:30 - 16:45 ADOPTION OF ASEPTIC NON TOUCH TECHNIQUE IN NORTHERN IRELAND'S NEONATAL UNITS (ID162)
C. Anderson; M. Hogan; C. Carville; U. Toland, *Northern, Ireland*

16:45 - 17:00 INFLUENCE OF THE THECHNIQUE OF URINE SAMPLING OF URINALYSIS RESULT AND CONTAMINATION RATE IN NEONATAL PERIOD (ID739)
M. Štimac; D. Kardum; M. Sipl; S. Pušeljić; V. Milas, *Osijek, Croatia*

15:00 - 17:00 **HALL 1**

PARALLEL SESSION: CIRCULATORY CHANGES AT BIRTH AND CARDIOVASCULAR OUTCOME

Chairpersons: W. de Boode, *Nymegen, The Netherlands;* **C. Sortica da Costa,** *Cambridge, UK*

15:00 - 15:30 LONG TERM CARDIOVASCULAR OUTCOMES OF PREMATURITY
S. Kotecha, *Cardiff, UK*

15:30 - 16:00 CIRCULATORY & CEREBRAL CHANGES AT BIRTH
G. Pichler, *Graz, Austria*

16:00 - 16:15 THE EFFECT OF PRENATAL CAFFEINE ON THE CARDIOVASCULAR TRANSITION AT BIRTH (ID232)
C. Binder-Heschl; K. Crossley; G. Polglase; D. Blank; V. Zahra; A. Moxham; K. Rodgers; S. Hooper, *Graz, Austria*

16:15 - 16:30 THE IMPACT OF PREMATURE LUNG DISEASE ON THE MATURATION OF CARDIAC PERFORMANCE IN THE FIRST YEAR OF LIFE: DISCERNING EARLY PREDICTIVE MARKERS OF CHRONIC LUNG DISEASE (ID630)
P. Levy; A. Sanchez; T. Sekarski; M. Holland; A. Hamvas; G. Singh, *Saint Louis, MO, USA*

16:30 - 16:45 LONGITUDINAL ASSESSMENT OF MYOCARDIAL STRAIN AND STRAIN RATE AND THE EFFECT OF CHRONIC LUNG DISEASE IN PRETERM INFANTS LESS THAN 29 WEEKS GESTATION (ID056)
J.D. Corcoran; O. Franklin; L. Mertens; A. EL-Khuffash, *Dublin, Ireland*
Presenter: A.T. James

16:45 - 17:00 CARDIAC FUNCTION AFTER THE IMMEDIATE TRANSITIONAL PERIOD USING A NOVEL TECHNIQUE (ID188)
K. de Waal; N. Phad; A. Lakkundi; P. Tan, *Newcastle, Australia*

15:00 - 17:00 **HALL 2**

PARALLEL SESSION: GENETICS TRACK I

Chairpersons: D. Rowitch, *San Francisco, USA;* **S. Wellmann**, *Basel, Switzerland*

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 NEUROIMAGING IN PRESUMED PERINATAL ARTERIAL ISCHEMIC STROKE AND RECOGNITION OF SPECIFIC NEURORADIOLOGICAL PATTERN: A SINGLE CENTER EXPERIENCE (ID763)
M. Bertamino; M. Severino; M. Di Rocco; A.Rossi; L. Ramenghi and Stroke Group*(*V. Capra; I. Ceccherini; M.E. Celle; C. Gandolfo; A.C. Molinari; A. Palmieri; M. Pavanello; P. Picco; S. Renna; A. Rossi; R. Ravazzolo) *Genova, Italy*

16:15 - 16:30 TRANSCRIPTIONAL REGULATION OF SEX-SPECIFIC GONADAL DIFFERENTIATION INVOLVES COOPERATION BETWEEN WT1 AND GATA4 ON FOXL2 AND SOX9 EX PRESSION (ID861)
C. Dame; L.J. Rudigier, H. Scholz; K.M. Kirschner, *Berlin, Germany*

16:30 - 16:45 A MURINE MODEL OF BRONCHOPULMONARY DYSPLASIA- PRELIMINARY RESULTS FROM WHOLE-GENOME MRNA EXPRESSION STUDY IN BLOOD (ID769)
C. Revhaug; M. Zasada; A. Gro Rognlien; L. Baumbusch; A. Madetko-Talowska; P. Kwinta; M. Bik-Multanowski; J.J. Pietrzyk; O.D. Saugstad, *Oslo, Norway*

16:45 - 17:00 PERSISTENT HYPOMETHYLATION OF THE PRETERM PIG INTESTINE (ID683)
X. Pan; F. Gao; T. Thymann; P. Sangild, *Copenhagen, Denmark*

15:00 - 17:00 **HALL 3**

PARALLEL SESSION: EPIDEMIOLOGY TRACK I

Chairpersons: **J.P. Petersen**, *Aarhaus, Denmark*; **C.C. Bach**, *Aarhaus, Denmark*

15:00 - 15:20 EPIPAGE 2
P.Y Ancel, *Villejuif, France*

15:20 - 15:35 PERINATAL OUTCOME OF PREGNANCY WITHOUT ANTENATAL CARE
H. Orvos, *Szeged, Hungary*

15:35 - 15:50 PRETERM DELIVERY IN HUNGARY
A. Beke, *Budapest, Hungary*

15:50 - 16:15 IS IT TIME FOR AN UNIFIED EUROPEAN NEONATAL NETWORK?
M. Weindling, *Liverpool, UK*

16:15 - 16:30 RESPIRATORY OUTCOMES IN LATE AND MODERATELY PRETERM INFANTS: RESULTS FROM A POPULATION-BASED STUDY (ID539)
S. Robinson; S.E. Seaton; R.J. Matthews; S. Johnson; E.S. Draper; B.N. Manktelow; L.K. Smith; N. Marlow; D.J. Field; E.M. Boyle, *Leicester, UK*

16:30 - 16:45 NEURODEVELOPMENTAL DISABILITIES AND SPECIAL HEALTH CARE NEEDS AT 12 YEARS IN CHILDREN BORN AT < 26 WEEKS` GESTATION AFTER ACTIVE PERINATAL CARE (ID833)
A. Farooqi; A. Holsti; B. Hägglöf; M. Adamsson; F. Serenius, *Umeå, Sweden*

16:45 - 17:00 LASTING IMPACT OF MAJOR NEONATAL MORBIDITIES ON THE OUTCOME OF 10 TO 16-YEAR OLD CHILDREN WHO WERE BORN AT 23-25 WEEKS GESTATION AFTER ACTIVE PERINATAL CARE (ID568)
A. Farooqi; F. Serenius, *Umeå, Sweden*

15:00 - 17:00 **HALL 4**

PARALLEL SESSION: BRAIN TRACK II

Chairpersons: **L. de Vries**, *Utrecht, The Netherlands;* **G. Natalucci**, *Zurich, Switzerland*

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 EXECUTIVE FUNCTIONING AND LEARNING SKILLS IN EARLY ADOLESCENT CHILDREN BORN AT LESS THAN 25 WEEKS OF GESTATION AFTER ACTIVE PERINATAL CARE IN 1990S (ID566)
A. Farooqi; M. Adamsson; F. Serenius; B. Hägglöf, *Umeå, Sweden*

16:15 - 16:30 DELAYED CORD CLAMPING AT BIRTH IMPROVES MOTOR SCORES AT 18 TO 22 MONTHS CORRECTED AGE: A RANDOMIZED CONTROLLED TRIAL (ID384)
J. Mercer; D. Erickson-Owens; B. Vohr; R. Tucker; W. Oh; J. Padbury, *Providence, USA*

16:30 - 16:45 VOICE OUTCOMES FOLLOWING VERY PRETERM BIRTH (ID054)
S. Meldrum; K. Simmer; S. Vijayasekaran; N. French; V. Reynolds, *Perth, Australia*

16:45 - 17:00 TIMING OF AMPLITUDE-INTEGRATED ELECTROENCEPHALOGRAPHY RECORDING FOR PREDICTION OF OUTCOME IN PREMATURE INFANTS (ID731)
E. Ralser; V. Neubauer; U. Pupp-Peglow; U. Kiechl-Kohlendorfer; E. Griesmaier, *Innsbruck, Austria*

15:00 - 17:00 **HALL 5**

PARALLEL SESSION: DEALING WITH DEATH

Chairpersons: S. Mader, *Munich, Germany;* **J. Latour**, *Plymouth, UK*

15:00 - 15:30 KEYNOTE LECTURE: JOINT DECISION MAKING IN NEONATAL PALLIATIVE CARE
J. Latour, *Plymouth, UK*

15:30 - 16:00 PARENTS WITH A MUSLIM BACKGROUND
A. Eldemerdash, *Las Vegas, USA*

16:00 - 16:30 PARENTS WITH A JEWISH BACKGROUND
R. Wajntraub, *Jerusalem, Israel*

16:30 - 17:00 PARENTS WITH A CHRISTIAN BACKGROUND
J. Peters, *Munich, Germany*

15:30 - 16:30 **ESN/ESPR/UENPS LOUNGE**

NUTRITION SECTION BUSINESS MEETING

17:30 - 18:30 **PLENARY HALL**

PLENARY SESSION: BENGT ROBERTSON HONORARY

Chairpersons: **L. Zimmermann**; *Maastricht, The Netherlands,* **K. Bohlin**, *Stockholm, Sweden*

17.30 - 18.00 BENGT ROBERTSON AWARD
M. Hallman, *Oulu, Finland*

18.00 - 18.30 LUNG ULTRASOUND AS A PREDICTOR OF MECHANICAL VENTILATION IN NEONATES OLDER THAN 32 WEEKS (ID399)
J. Rodríguez-Fanjul; C. Balcells; V. Aldecoa-Bilbao; J. Moreno; M. Iriondo, *Barcellona, Spain*

"industry-sponsored session" (please see part 2 page 107)

18:30 - 20:00 **PLENARY HALL**

SATELLITE SYMPOSIUM: TO THE NICU AND BEYOND

Chairperson: **L. Zimmermann**, *Maastricht, The Netherlands*

18:30 - 19:00 BPD - IS THERE A RIPPLE EFFECT?
J. Hascoet, *Nancy, France*

19:00 - 19:30 SURFACTANT DOSE - ANOTHER PERSPECTIVE
D. de Luca, *Paris, France*

19:30 - 20:00 THE LATE PRETERMS: ARE THEY ON OUR RADAR?
E. Boyle, *Leicester, UK*

"industry-sponsored session" (please see part 2 page 107)

Friday, September 18th, 2015

08:30 - 10:30 **PLENARY HALL**

PLENARY SESSION: YOUNG INVESTIGATOR PRIZE SESSION

Chairpersons: **G. Buonocore**, *Siena, Italy*; **L. Zimmermann**, *Maastricht, The Netherlands*

08:30 - 09:00 **THE ENDOPLAMIC RETICULUM STRESS**
W. Balduini, *Urbino, Italy*

09:00 - 09:15 **PREDICTION OF NEURODEVELOPMENTAL OUTCOME IN INFANTS WITH INTRAVENTRICULAR HEMORRHAGE USING A FUNCTIONAL MRI SCORE (ID762)**
K. Goeral; G. Kasprian; C. Leeb; R. Fuiko; A. Berger 1; M. Olischar; K. Klebermass-Schrehof, *Vienna, Austria*

09:15 - 09:30 **PREDICTING SCHOOL-AGE COGNITIVE CAPACITIES FROM THE NEONATAL CONNECTOME IN PRETERM BORN CHILDREN (ID877)**
K. Keunen; M.J.N.L. Benders; A. Leemans; I.C. van Haastert; P.C. Fieret-Stam; L.H. Scholtens; M.A. Viergever; R.S. Kahn; F. Groenendaal; L.S. de Vries; M.P. van den Heuvel, *Utrecht, The Netherlands*

09:30 - 09:45 **PUNCTATE WHITE MATTER LESIONS: CORRELATION TO GESTATIONAL AGE AND SWI APPEARANCE (ID888)**
M. Malova; A. Parodi; M. Severino; G. Morana; A. Sannia; A. Rossi; L.A. Ramenghi, *Genova, Italy*

09:45 - 10:00 **BAYLEY SCALES OF INFANT AND TODDLER DEVELOPMENT (EDITION 3) IN A LOW RISK HEALTHY POPULATION (ID504)**
C. Ahearne; G. Hannon; M. Kiely; L. Kenny; J. O'B Hourihane; D. Murray, *Cork, Ireland*

10:00 - 10:15 **PRE-AND POSTNATAL GROWTH RESTRICTION IS A RISK FACTOR FOR SEVERE RETINOPATHY OF PREMATURITY DEPENDENT ON GESTATIONAL AGE AT BIRTH (ID444)**
S. Klevebro; P. Lundgren; U. Hammar; L. Smith; M. Domellöf; M. Bottai; B. Hallberg; C. Löfqvist; A. Hellström, *Stockholm, Sweden*

10:15 - 10:30 **EFFECT OF WITHHOLDING FEEDS ON TRANSFUSION RELATED ACUTE GUT INJURY IN PRETERM INFANTS – A RANDOMISED CONTROLLED TRIAL (ID658)**
S. Sahin; G.K. Kutman; O. Bozkurt; F.Y.Atay; F.E. Canpolat; N. Uras; S.S. Oğuz, *Ankara, Turkey*

11:00 - 12:30 **PLENARY HALL**

PARALLEL SESSION: METABOLISM AND NUTRITION TRACK II

Chairpersons: C. Poets, *Tübingen, Germany*; **C. Agostoni**, *Milan, Italy*

11:00 - 11:30 PROBIOTICS IN PRETERM INFANTS: WHAT WORKS, AND HOW?
N. Embleton, *Newcastle, UK*

11:30 - 12:00 LACTOFERRIN TRIALS
E. Castagnola, *Genoa, Italy*

12:00 - 12:15 MATERNAL ANTIBIOTICS AND TERM INFANT GUT COLONIZATION (ID216)
G. Zachariassen; N. Hyldig; K. Shamrulazhar; L. Krych; G. Greisen; D.S. Nielsen, *Odense, Denmark*

12:15 - 12:30 DYNAMICS OF DNA METHYLATION AT IGF2 IN PRETERM AND TERM INFANTS DURING THE FIRST YEAR OF LIFE (ID622)
C. Piyasena; J. Cartier; B. Khulan; K. French; G. Menon; J. Seckl; R. Reynolds; A. Drake, *Edinburgh, UK*

11:00 - 12:30 **HALL 1**

PARALLEL SESSION: NEW SURFACTANTS/SURFACTANT PROTECTION

Chairpersons: M. Sánchez-Luna, *Madrid, Spain;* **O. Danhaive**, *San Francisco, USA*

11:00 - 11:30 EFFECTS OF RECOMBINANT CLUB CELL 10 KDA PROTEIN IN RESPIRATORY DISTRESS OF PREMATURITY
A. Pilon, *Rockville, USA*

11:30 - 12:00 TOWARDS NEW INHIBITION-RESISTANT SURFACTANT PREPARATIONS: POLYMERS AND BIOPHYSICS
J. Perez-Gil, *Madrid, Spain*

12:00 - 12:15 A FIRST-IN-HUMAN CLINICAL STUDY ON THE SAFETY AND EFFICACY OF A NEW SYNTHETIC SURFACTANT (CHF 5633) IN PRETERM INFANTS WITH RESPIRATORY DISTRESS SYNDROME (ID805)
D.G. Sweet; M. Turner; Z. Stranak; R. Plavka; P. Clarke; B. Stenson; D. Singer; R. Goelz; S. Gupta; S. Schmidtke; S. Harigopal; L. Fabbri; G. Varoli; C.P. Speer, *Edinburgh, UK*

12:15 - 12:30 BRIEF ANTENATAL INHIBITION OF NOTCH SIGNALING ATTENUATES FETAL RESPIRATORY DISTRESS IN PRETERM MICE (ID277)
P.-N. Tsao; H.-C. Huang; S.-C. Wei, *Taipei, Taiwan*

11:00 - 12:30 **HALL 2**

PARALLEL SESSION: PHARMACOLOGY AND ANTIBIOTICS

Chairpersons: C. Bührer, *Berlin, Germany*; **V. Elie**, *Paris, France*

11:00 - 11:30 USE OF ANTIBIOTICS IN EUROPEAN NICUS
W. Göpel, *Luebeck, Germany*

11:30 - 12:00 APPROPRIATE AB USE
I. Lutsar, *Tartu, Estonia*

12:00 - 12:15 VANCOMYCIN THERAPEUTIC DRUG MONITORING IN NEONATES: ARE THERE INTRA-ASSAY DIFFERENCES (ID098)
A. Smits; M. Oyaert; P. Vermeersch; V. Cossey; G. Naulaers; S. Pauwels; I. Spriet; K. Allegaert, *Leuven, Belgium*

12:15 - 12:30 GENTAMICIN EXPOSURE AND SENSORINEURAL HEARING LOSS IN PRETERM INFANTS (ID157)
A. Fuchs; L. Zimmermann; M. Bickle Graz; J. Cherpillod; J-F. Tolsa; T. Buclin; E. Giannoni, *Lausanne, Switzerland*

11:00 - 12:30 **HALL 3**

PARALLEL SESSION: PHARMACOLOGY TRACK I

Chairpersons: D. Tibboel, *Rotterdam, The Netherlands*; **J. van de Anker**, *Washington, USA*

11.00 - 11:30 CLINICAL PHARMACOLOGY IN NEONATES
J. van de Anker, *Washington, USA*

11:30 - 12:00 DRUG-INDUCED NEPHROTOXICITY IN THE NEWBORN
V. Fanos, *Caglairi, Italy*

12:00 - 12:15 EARLY INTRAVENOUS PARACETAMOL CLOSES DUCTUS ARTERIOSUS IN VERY PREMATURE INFANTS: A RANDOMIZED, CONTROLLED TRIAL (ID111)
P. Härkin; A. Härmä; O. Aikio; M. Valkama; M. Leskinen; T. Saarela; M. Hallman, *Oulo, Finland*

12:15 - 12:30 POTENTIALLY HARMFUL EXCIPIENTS IN MEDICINES PRESCRIBED IN NEONATAL INTENSIVE CARE UNITS (NICU) – PRODUCT SUBSTITUTION AS A WAY FORWARD (ID148)
G. Nellis; I. Lutsar; H. Varendi; M. A. Turner; T. Metsvaht, *Liverpool, UK*

11:00 - 12:30 **HALL 4**

PARALLEL SESSION: BRAIN TRACK III

Chairpersons: **U. Felderhoff-Müser**, *Essen, Germany*; **M. Gram**, *Lund, Sweden*

11:00 - 11:30 NEW MECHANISMS OF BRAIN DAMAGE IN PREMES: NEUROINFLAMMATION
B. Fleiss, *London, UK*

11:30 - 12:00 NEW MECHANISMS OF BRAIN DAMAGE IN PREMES: OLIGODENDROCYTE MATURATION
D. Rowitch, *San Francisco, USA*

12:00 - 12:15 EARLY POSTNATAL HYDROCORTISONE IMPAIRS CEREBELLAR GROWTH AND DELAYS NEONATAL AROUSAL IN PRETERM PIGS (ID143)
A. Brunse; P. Worsøe; M. Birck; P. Sangild, *Copenhagen, Denmark*

12:15 - 12:30 IMPACT OF HYPOXIA-ISCHAEMIA AND DOPAMINE TREATMENT ON DOPAMINE D2-LIKE RECEPTORS IN THE PRETERM LAMB BRAIN (ID183)
S. Ingelse; N. Brew; U. Ratnayake; F. Wong, *Melbourne, Australia*

11:00 - 12:00 **HALL 5**

PARALLEL SESSION: PATIENT-CENTRED AND DEVELOPMENTALLY SUPPORTIVE CARE

Chairpersons: **B. Westrup**, *Stockholm, Sweden;* **N. Thiele**, *Munich, Germany*

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*

12:30 - 13:30 **ESN/ESPR/UENPS LOUNGE**

BRAIN SECTION BUSINESS MEETING

13:30 - 15:00 **ESN/ESPR/UENPS LOUNGE**

CIRCULATION SECTION BUSINESS MEETING

13:30 - 14:30 **PLENARY HALL**

POSTER SESSION: BRAIN 3

Chairpersons: **M. Benders**, *Utrecht, The Netherlands*; **B. Fleiss**, *London, UK*

13:30 - 13:35 THE THERMAL SAFETY OF NEONATAL MAGNETIC RESONANCE BRAIN IMAGING AT 3.0 TESLA (ID276)
P. Cawley; K. Few; R. Greenwood; P. Malcolm; G. Johnson; P. Lally; S. Thayyil; P. Clarke, *Norwich, UK*

13:35 - 13:40 STRUCTURED REPORTING IN HYPOXIC-ISCHEMIC ENCEPHALOPATHY - BENEFICIAL FOR THE RADIOLOGIST AND THE CLINICIAN (ID267)
A. Lakatos; M. Kolossvary; M. Szabo; M. Kiss; G. Gyebnar; Z. Bagyura; G. Rudas; L.R. Kozak, *Budapest, Hungary*

13:40 - 13:45 LEVOMEPROMAZINE REDUCES EXCITOTOXIC INJURY IN HT-22 CELLS
K. Wegleiter; E. Huber; M. Urbanek; U. Kiechl-Kohlendorfer; E. Griesmaier, *Innsbruck, Austria*

13:45 - 13:50 HYPOXIC-ISCHAEMIC BRAIN INJURY: DELIVERY BEFORE INTRAPARTUM EVENTS (ID413)
D. Odd; A. Heep; K. Luyt; T. Draycott, *Bristol, UK*

13:50 - 13:55 CEREBRAL DEEP GREY MATTER ALKALOSIS IN BABIES WITH NEONATAL ENCEPHALOPATHY IS ASSOCIATED WITH AN INCREASED SEIZURE BURDEN (ID601)
C. Uria-Avellanal; D. Price; M. Sokolska; S. Mitra; A. Bainbridge; X. Golay; N. Robertson, *London, UK*

13:55 - 14:00 A RANDOMIZED CONTROLLED TRIAL OF COOLING COMBINED WITH INHALED XENON FOR PERINATAL ASPHYXIAL ENCEPHALOPATHY WITH CEREBRAL MAGNETIC RESONANCE ENDPOINTS – THE TOBY-XE TRIAL. (ID076)
D. Azzopardi; N. Robertson; A. Bainbridge; E. Cady; A. Deierl; G. Fagiolo; N. Franks; J. Griffiths; J. Hajnal; E. Juszczak; B. Kapetanakis; L. Linsell; M. Maze; O. Omar; B. Strohm; N. Tusor; A.D. Edwards, *London, UK*

14:00 - 14:05 CEREBRAL ULTRASOUND FINDINGS DURING THERAPEUTIC HYPOTHERMIA FOR NEONATAL HYPOXIC-ISCHEMIC ENCEPHALOPATHY: VALIDATION OF A NEW CLASSIFICATION SYSTEM (ID812)
A. Graca; J. Barreira; C. Santos; C. Moniz, *Lisbon, Portugal*

14:05 - 14:10 A NEW TRANSLATIONAL MODEL OF PERINATAL ASPHYXIA REVEALS LASTING BEHAVIORAL DEFICITS (ID793)
A. Kerenyi; E. Sipos; P. Bakos; K. Demeter; P. Pottyondi; J. Haller; M. Szabo; K. Kaila; E. Mikics; A. Denes; A. Fekete, *Budapest, Hungary*

14:10 - 14:15 EFFECT OF EARLY NUTRITION ON PRETERM CEREBRAL MATURATION AND BRAIN INJURY REFLECTED BY MR-IMAGING AT TERM (ID716)
L. Beauport; J. Schneider; P. Hagmann; M. Faouzi; C.J. Fischer Fumeaux; A.C. Truttmann, *Lausanne, Switzerland*

14:15 - 14:20 THE PROGNOSTIC VALUE OF NIRS DURING THERAPEUTIC HYPOTHERMIA IN TERM ASPHYXIATED NEWBORNS (ID583)
P. Costa; A. Graça; I. Sampaio; C. Moniz, *Lisbon, Portugal*

14:20 - 14:25 NEURITE OUTGROWTH IN RESPONSE TO CEREBROSPINAL FLUID DERIVED FROM NEC-SENSITIVE PRETERM PIGS (ID775)
J. Sun; S. Pankratova; D.E.W. Chatterton; P.T. Sangild, *Copenhagen, Denmark*

14:25 - 14:30 MULTIORGAN DYSFUNCTION IN NEWBORNS WITH HYPOXIC-ISCHEMIC ENCEPHALOPATHY IN HYPOTERMIA ERA (ID796)
M. Alsina; A Martin-Ancel; P.Alamillo, M. Leon; A Garcia-Alix, *Barcelona, Spain*

13:30 - 14:30 **HALL 1**

POSTER SESSION: PULMONARY POSTER SYMPOSIUM 2: Lung disease in the delivery room and beyond

Chairperson: L. Cattarossi, *Trieste, Italy*

13:30 - 13:35 REFERENCE RANGES OF LAMELLAR BODY COUNTS ON GASTRIC ASPIRATE IN HEALTHY TERM NEWBORNS (ID434)
S. Arayici; G. Kadioglu Simsek; B. Say; N. Uras; M.Y. Oncel; E. Alyamac Dizdar; U. Buyukkagnici; S. Karahan; F.E. Canpolat; S.S. Oguz, *Ankara, Turkey*

13:35 - 13:40 OPTIMISING ETT LENGTH IN NEONATES: PRE-CUT STRATEGY OR UNCUT STRATEGY? (ID360)
K. Swamy; C. Smith; A. Wynn-Davies; N. Singh, *Leicester, UK*

13:40 - 13:45 A RANDOMISED FEASIBILITY TRIAL AND IN-VITRO PERFORMANCE OF A NEW SYSTEM FOR RESPIRATORY SUPPORT DURING INITIAL STABILISATION OF PRETERM INFANTS (ID428)
S. Donaldsson; T. Drevhammar; L. Taittonen; S. Klemming; B. Jonsson, *Stockholm, Sweden*

13:45 - 13:50 USE OF A RESUSCITATION TRAINING APP SIGNIFICANTLY IMPROVES HEART RATE ASSESSMENT DURING NEWBORN SIMULATION (ID590)
S. Coleman; C. Henry; E. Murphy; P. Blanchfield; M. Ismat; P. Okhiria; C. Tamakloe; D. Sharkey, *Nottingham, UK*

13:50 - 13:55 PRE-DISCHARGE RESPIRATORY OUTCOMES IN SMALL-FOR-GESTATIONAL-AGE AND APPROPRIATE-FOR-GESTATIONAL-AGE VERY PRETERM INFANTS (ID397)
A. Matic; A. Ristivojevic, *Novi Sad, Serbia*

13:55 - 14:00 LOW CONCENTRATIONS OF CLUB CELL SECRETORY PROTEIN (CC16) IN GASTRIC FLUID AT BIRTH IS ASSOCIATED WITH LUNG INFLAMMATION AND MORE SEVERE LUNG DISEASE IN VERY PRETERM INFANTS (ID545)
C. Hagman; L. Björklund; E.Tufvesson; I. Hansen Pupp, *Lund, Sweden*

14:00 - 14:05 PRENATAL THERAPY IMPROVES THE SURVIVAL OF PREMATURE INFANTS WITH CONGENITAL CHYLOTHORAX (ID44)
C.J. Lee; P.N. Tsao; C.Y. Chen; W.S. Hsieh; H.C. Chou, *New Taipei City, Taiwan*

14:05 - 14:10 SEDATION INCREASES COMFORT OF PRETERM INFANTS DURING MINIMAL INVASIVE SURFACTANT THERAPY (ID459)
J. Dekker; E. Lopriore; M. Rijken; E. Rijntjes-Jacobs; V. Smits-Wintjens; A. te Pas, *Leiden, The Netherlands*

14:10 - 14:15 LUNG COMPLIANCE AND LUNG ULTRASOUND DURING POSTNATAL ADAPTATION IN HEALTHY NEWBORN INFANTS (ID565)
L. Süvari; L. Martelius; C. Janér; A. Kaskinen; O. Pitkänen; T. Kirjavainen; O. Helve; S. Andersson, *Helsinki, Finland*

14:15 - 14:20 DOES THE BAG-VALVE-MASK VENTILATION TECHNIQUE (2-FINGER VS. 5-FINGER-TECHNIQUE) OR THE GLOVE SIZE OF HEALTH CARE PROVIDERS AFFECT TIDAL VOLUME DURING SIMULATED NEONATAL RESUSCITATION? (ID806)
H. Kilbertus; B. Urlesberger; B. Schwaberger, *Graz, Austria*

14:20 - 14:25 ACCURACY OF CURRENT AVAILABLE NEONATAL RESPIRATORY FUNCTION MONITORS DURING NEONATAL RESUSCITATION (ID110)
C. Verbeek; H.A. van Zanten; J.J. van Vonderen; E.W. van Zwet; S.B. Hooper; A.B. te Pas, *Leiden, The Netherlands*

14:25 - 14:30 OROPHARYNGEAL AIRWAY TO ASSIST VENTILATION OF PRETERM INFANTS IN THE DELIVERY ROOM (ID144)
C. Kamlin; G. Schmoelzer; J. Dawson; L. McGrory; J O'Shea; P. Davis, *Melbourne, Australia*

13:30 - 14:30 **HALL 2**

POSTER SESSION: HUNGARIAN POSTER SESSION 1

13:30 - 14:30 **HALL 3**

POSTER SESSION: EPIDEMIOLOGY POSTER SESSION 1

Chairpersons: **C. Friis Jensen**, *Aarhus, Denmark;* **T. Brink-Henriksen,** *Aarhus, Denmark*

13:30 - 13:35 THE EPIDEMIOLOGY OF LISTERIOSIS DURING PREGNANCY IN NORTHERN ITALY (ID623)
E. Amato; M. Gori; P. Huedo; M. Pontello, *Milan, Italy*

13:35 - 13:40 PREDICTORS OF HOSPITAL DISCHARGE IN A SWISS NATIONAL COHORT OF VERY PRETERM INFANTS (ID656)
C. Rüegger; M. Adams; S. Schulzke; S. Wellmann; Swiss Neonatal Network, *Zurich, Switzerland*

13:40 - 13:45 MORTALITY AND EARLY MORBIDITY IN VERY LOW BIRTH WEIGHT NEWBORNS DURING THE TWELVE YEAR PERIOD IN SLOVAK REPUBLIC (ID203)
M. Kovácsová; G. Magyarová; F. Bauer; R. Lelovská; K. Demová; E. Radvanská, *Slovakia*

13:45 - 13:50 "VLBW INFANTS OUTCOMES: A 12 YEARS REPORT IN A SOUTH AMERICAN NEONATAL NETWORK (NEOCOSUR)" (ID321)
I. D'Apremont; J.L. Tapia; G. Marshall; G. Musante; G. Mariani ; J.M. Ceriani; A. Bancalari; J. Zegarra; P. Mena; C. Grandi; J. Fabres; J. Tavosnanska; J. Lacarruba for the Neocosur Neonatal Network, *Santiago, Chile*

13:50 - 13:55 IMPACT OF VARICELLA VACCINATION IN CHILDREN UNDER 1 YEAR OF AGE IN ITALY (2006-2011) (ID710)
A.C. Di Pietro; A. Mattei; M.Sbarbati, *L'Aquila, Italy*

13:55 - 14:00 GENERAL HEALTH PERCEPTION OF YOUNG ADULTS BORN PRETERM OR WITH A VERY LOW BIRTH WEIGHT IN THE NETHERLANDS VERSUS PEERS (ID670)
S.M. van der Pal; R.J.M. Perenboom; K.M. van der Pal-de Bruin, *Leiden, The Netherlands*

14:00 - 14:05 INTRAUTERINE GROWTH RESTRICTION, HEAD SIZE AT BIRTH AND OUTCOME IN VERY PRETERM INFANTS (ID824)
I. Guellec; S.Marret; O. Baud; G. Cambonie; A. Lapillonne; J.C. Roze; J. Fresson; C. Flamant; M.L. Charkaluk; C. Arnaud; P.Y. Ancel, *Paris, France*

14:05 - 14:10 PREMEDICATION FOR NON-EMERGENCY NEONATAL INTUBATIONS: SURVEY OF PRACTICE ACROSS UNITED KINGDOM (ID201)
V. Rajamoorthy; P. Dobbs; N. Agarwal; C.S. Narayanan; N. Merchant, *Watford, UK*

14:10 - 14:15 HEALTH-RELATED QUALITY OF LIFE IN VERY PRETERM CHILDREN ASSESSED AT SCHOOL AGE: COMPARISON BETWEEN THE CHILDREN'S AND PARENTS' REPORTS (ID734)
M. Cuttini; I. Croci; L. Herich; M. Carrozzi; V. Chiandotto; S. Vicari; M. Raponi, *Rome, Italy*

14:15 - 14:20 INCIDENCE AND OUTCOMES OF METABOLIC DISORDERS IN VERY PRETERM INFANTS (ID569)

O. Dobush; D. Dobryanskyy; Z. Salabay; O. Detsyk; O. Novikova; Y. Kuzminov, *Lviv, Ukraine*

14:20 - 14:25 MATERNAL FACTORS INFLUENCE INFANT'S VITAMIN D STATUS (ID765)

H. Hauta-alus; E. Holmlund-Suila; M. Enlund-Cerullo; J. Rosendahl; S. Valkama; O. Helve; H-M. Surcel; O. Mäkitie; S. Andersson; H. Viljakainen, *Helsinki, Finland*

14:25 - 14:30 THE HIGH PREVALENCE OF VITAMIN D DEFICIENCY IN A LARGE NUMBER OF PREGNANT WOMEN AND RELATED FACTORS IN ANKARA TURKEY (ID686)

G. Kadioglu Simsek; F.E. Canpolat; S. Arayici; G. Kanmaz Kutman; H.I. Yakut; Ö. Moraloğlu; B. Özkan, *Ankara, Turkey*

13:30 - 14:30 **HALL 4**

POSTER SESSION: PHARMACOLOGY POSTER SESSION

Chairpersons: **V. Fanos**, *Cagliari, Italy*; **K. Allegaert**, *Leuven, Belgium*

13:30 - 13:35 RELATIONSHIP BETWEEN DOPAMINE INFUSION AND HEMODYNAMIC PARAMETERS IN PRETERM INFANTS (ID560)
L.A.F. van Rossum; B. Riphagen; M. Lardinois; A.C.G. Egberts; F.van Bel; P.M.A. Lemmers, *Utrecht, The Netherlands*

13:35 - 13:40 ELEVATED TROUGH SERUM GENTAMICIN CONCENTRATIONS AND OTOTOXICITY (ID359)
K. Swamy; D. Jayasinghe; R. Smith, *Nottingham, UK*

13:40 - 13:45 RELATIONSHIP BETWEEN ADVERSE DRUG REACTIONS AND OFF-LABEL/ UNLICENSED DRUG USE IN HOSPITALISED CHILDREN. EREMI STUDY (ID855)
K.A. Nguyen; Y. Mimouni; A. Lajoinie; N. Paret; S. Malik; L. El-Amrani; L. Milliat-Guittard; C. Carcel; A. Portefaix; A.M. Schott; T. Vial; B. Kassai, *Lyon, France*

13:45 - 13:50 A SYSTEMATIC REVIEW OF OFF-LABEL AND UNLICENSED DRUGS USE AND ADVERSE DRUG REACTIONS IN HOSPITALIZED CHILDREN (ID198)
N. David; K.A. Nguyen; Y. Mimouni; A. Lajoinie; S. Malik; B. Kassai, *Lyon, France*

13:50 - 13:55 EFFICACY AND SAFETY OF PROPOFOL SEDATION FOR THE TREATMENT OF RETINOPATHY OF PREMATURITY IN SPONTANEOUS BREATHING (ID071)
A. Di Pede; G. Catena; C. Auriti; I. Capolupo; S. Lozzi; S. Picardo; A. Dotta; S. Sgrò, *Rome, Italy*

13:55 - 14:00 BABY SKIN CARE PRODUCTS (ID501)
P. Doro; R. Abraham; D. Agoston; J. Balog; R.Z. Csoma, *Szeged, Hungary*

14:00 - 14:05 MATHEMATICAL MODELING TO PREDICT IN-HOSPITAL NATURAL WEIGHT CHANGES IN TERM NEONATES (ID705)
S. Kasser; M. Wilbaux; C. De Angelis; H. Rickenbacher; N. Klarer; J.N. Van Den Anker; M. Pfister; S. Wellmann, *Basel, Switzerland*

14:05 - 14:10 IMPROVING PARENTERAL NUTRITION IN THE NEONATE - A PRACTICAL GUIDELINE (ID385)
H. Reigstad; D. Moster; I. Grønlie; A. Blystad, *Bergen, Norway*

14:10 - 14:15 INVOLUTION OF RETINOPATHY OF PREMATURITY AND NEURODEVELOPMENTAL OUTCOME AFTER BEVACIZUMAB TREATMENT (ID627)
Y.-S. Chang; P.-N. Tsao; C.-Y. Chen; H.-C. Chou; W.-S. Hsieh; P.-T. Yeh, *Taipei, Taiwan*

14:15 - 14:20 MATURATION DRIVES PARACETAMOL GLUCURONIDATION IN EARLY INFANCY (ID094)
E. Krekels; S. van Ham; K. Allegaert; J. de Hoon; A. Debeer; D. Tibboel; M. Danhof; C Knibbe, *Leiden, The Netherlands*

14:20 - 14:25 DOPAMINE AND DOBUTAMINE: DOES TEMPERATURE OR INTRAVENOUS VEHICLE EFFECT STABILITY? (ID318)

C. Thompson; L. Mahoney; G. Scutt; B.A. Patel; H. Rabe, *Brighton, UK*

14:25 - 14:30 COMPARISON OF THE EARLY AND LATE CAFFEINE THERAPY ON CLINICAL OUTCOMES IN PRETERM NEONATES (ID119)

R. Saeidi; S. Maghrebi, *Mashhad, Iran*

13:30 - 14:30 **HALL 5**

POSTER SESSION: NEONATAL TRANSPORTATION

Chairpersons: **M. Breindahl**, *Copenhagen, Denmark*; **S. Broster**, *Cambridge,UK*

13:30 - 13:35 DIFFERENCES IN MORTALITY AND SERIOUS MORBIDITY WHEN A DEDICATED NEONATAL RETRIEVAL TEAM ATTENDS BIRTHS AT 23-28 WEEKS' GESTATION IN NON-TERTIARY HOSPITALS (ID116)
R. Boland; M. Crossman; K. Watson; M. Stewart, *Melbourne, Australia*

13:35 - 13:40 IS ECHOGRAPHY USEFUL IN PEDIATRIC MOBILE INTENSIVE CARE UNIT? A 2 MONTHS PRELIMINARY EXPERIENCE. (ID170)
A. Boet; G. Jourdain; P. Quentin; N. Gilmer; C. Peigne; J.L. Chabernaud; D. De Luca, *Paris, France*

13:40 - 13:45 ASSESMENT OF THE TREATMENT OF RESPIRATORY DISTRESS SYNDROME IN THE PREMATURES BELOW 32 WEEKS OF GESTATION TRANSFERRED VERSUS THE ONES BORN IN THE III-RD LEVEL UNIT. EXPERIENCE FROM A REGIONAL CENTER IN ROMANIA (ID865)
G. Zaharie; L. Blaga; M. Hasmasanu; V. Obada; T. Zaharie; T.L. Pop; M. Matyas, *Cluj, Romania*

13:45 - 13:50 A CASE OF CONGENITAL TRACHEAL AGENESIS COMPLICATING INTER-HOSPITAL NEONATAL EMERGENCY TRANSFER (ID847)
P. Bhat; B. Hennebry; N. Tan; S. Garnell; M. Fiske; S. O'Hare; W. Kelsall; S. Broster, *Cambridge, UK*

13:50 - 13:55 PRE-HOSPITAL TRANSPORT OF THE NEWBORN: AN UNKNOWN ENTITY? (ID614)
L. Perkins; J. Matthes; R. Lee, *Cardif, UK*

13:55 - 14:00 NEONATAL TRANSPORT IN CENTRAL REGION OF HUNGARY (ID411)
A. Berenyi; A. Szell; M. Szilagyi Olahne; B. Bundzsity; F. Kohalmi; G. Kovacs; G.Liszkay; I. Kocsis, Z.S. Somogyvari, *Budapest, Hungary*

14:00 - 14:05 ROUTINE MONITORING OF RESPIRATORY FUNCTION VARIABLES DURING INTER-HOSPITAL NEONATAL EMERGENCY TRANSPORT - A UK REGIONAL TRANSPORT SERVICE EXPERIENCE (ID849)
P. Bhat; A. Dhar; C. Jones; S. Kent; R. Chaudhary; S. O'Hare; S. Broster; A. Curley, *Cambridge, UK*

14:05 - 14:10 EXTERNAL CARDIAC PACING DURING NEONATAL TRANSFER– A CASE REPORT (ID363)
K. Swamy; D. Batra; A. Leslie; L. Lee; B. Schoonakker; S. Wardle, *UK*

14:10 - 14:15 "NEONATAL TIME CRITICAL TRANSFERS IN THE UK: EXPERIENCE AFTER ONE YEAR OF ITS IMPLEMENTATION" (ID341)
F. Garrido; M. Márquez; I. Dady, *Manchester, UK*

14:15 - 14:20 NON-INVASIVE CARDIAC ASSESSMENT IN NEONATAL MOBILE ICU: ECHOCARDIOGRAPHY VERSUS ELECTRICAL CARDIOMETRY DURING RIDE (ID171)

A. Boet; G. Jourdain; P. Quentin; N. Gilmer; C. Peigne; J.L. Chabernaud; D. De Luca, *Paris, France*

14:20 - 14:25 TRANSPORT EXPERIENCE OF EXTREMELY PRETERM INFANTS BY THE ACUTE NEONATAL TRANSFER SERVICE FOR EAST OF ENGLAND UK (ID250)

D. Wari-Pepple; S. Broster; S. Ohare, *Cambridge,UK*

14:30 - 16:30 **PLENARY HALL**

PARALLEL SESSION: BRAIN TRACK IV

Chairpersons: **P. Huppi**, *Genève, Switzerland;* **B. Fleiss**, *London, UK*

14:30 - 15:00 EFFECTS OF ANESTHETICS ON THE DEVELOPING BRAIN OF NEONATES: FOCUS ON KETAMINE AND REMIFENTANIL
B. Gonzales, *Rouen, France*

15:00 - 15:30 ANESTHETICS CONS
N. Robertson, *London, UK*

15:30 - 15:45 NEUROINFLAMMATION, A KEY FACTOR IN THE PATHOPHYSIOLOGY OF PRETERM INTRAVENTRICULAR HEMORRHAGE: THE ROLE OF MICROGLIA CELLS AND HAPTOGLOBIN AS A FEASIBLE THERAPY (ID829)
A. Agyemang; S. Vallius; D. Ley; M. Gram, *Lund, Sweden*

15:45 - 16:00 SYSTEMIC HEMOLYSIS AND HYPEROXEMIA IN A RAT PUP MODEL; A NOVEL WAY OF MODELING EFFECTS OF CARDIOPULMONARY BYPASS (ID850)
Å. Jungner; S. Vallius; M. Gram; D. Ley, *Lund, Sweden*

16:00 - 16:15 COLD-INDUCIBLE RNA BINDING PROTEIN RBM3 PREVENTS ER STRESS-INDUCED APOPTOSIS (ID361)
X. Zhu; A. Zelmer; J. Kapfhammer; S. Wellmann, *Basel, Switzerland*

16:15 - 16:30 BRAIN INJURY AND NEUROLOGICAL DEFICITS IN DIFFERENT MODELS OF HYPOXIA-ISCHEMIA IN NEONATAL MICE (ID489)
B.S. Reinboth; C. Köster; K. Strasser; I. Bendix; U. Felderhoff-Müser; J. Herz, *Essen, Germany*

14:30 - 16:30 **HALL 1**

PARALLEL SESSION: MICROCIRCULATION

Chairpersons: **A. El-Khuffash**, *Dublin, Ireland;* **T. Austin**, *Cambridge, UK*

14:30 - 15:00 KEYNOTE LECTURE: PHOTOACOUSTIC IMAGING OF THE MICROCIRCULATION
P. Beard, *London, UK*

15:00 - 15:30 KEYNOTE: CEREBROVASCULAR CONTROL DURING INFANT SLEEP
F. Wong, *Monash, Australia*

15:30 - 15:45 TEMPORAL CHANGES IN MICROVASCULAR FUNCTION FOLLOWING PRETERM BIRTH IN GUINEA PIGS (ID322)
R. Rahman; R. Dyson; K. Wright; M. Berry, *Wellington, New Zeland*

15:45 - 16:00 HEME-OXYGENASE EXPRESSION FOLLOWING PRETERM BIRTH: EVIDENCE OF A FEED-FORWARD MECHANISM DRIVEN BY OXIDATIVE STRESS (ID629)
R. Dyson; A. Abbas; K. Shepherd; M. Kelly; H. Palliser; I. Wright, *Wollongong, Australia*

16:00 - 16:15 PACAP CAN INFLUENCE THE VASCULAR CHANGES IN THE ANIMAL MODEL OF RETINOPATHY OF PREMATURITY (ID240)
T. Kvarik; B. Mammel; D. Werling; A. Vaczy; D. Reglodi; T. Ertl; J. Gyarmati; T. Atlasz, *Pecs, Hungary*

16:15 - 16:30 THE MYOCARDIAL ARCHITECTURE CHANGES DUE TO PERSISTENT PULMONARY HYPERTENSION OF THE NEWBORN IN AN OVINE ANIMAL MODEL (ID885)
P. Agger; S. Lakshminrusimha; C. Laustsen; S. Gugino; J.R. Frandsen; M. Smerup; R.H. Anderson; V. Hjortdal; R.H. Steinhorn, *Aarhus, Denmark*

14:30-16:30 **HALL 2**

PARALLEL SESSION: GENETICS TRACK II

Chairpersons: G M. Hallman, *Oulu, Finland;* **A. Verloes**, *Paris, France*

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 TARGETED NEXT GENERATION SEQUENCING FOR MUTATION DETECTION IN NEONATAL AND PEDIATRIC DIFFUSE LUNG DISEASES (ID047)
O. Danhaive; D. Peca; A. Angioni; R. Cutrera, *San Francisco, USA*

15:45 - 16:00 GENETIC INACTIVATION OF PDGFRÁ LEADS TO ALVEOLAR MYOFIBROBLAST APOPTOSIS, BLOCKS ALVEOGENESIS AND CAUSES BPD IN NEONATAL MICE (ID348)
C.-Y. Yang; C. Li; P. Minoo, *Los Angeles, USA*

16:00 - 16:15 CELLULAR AGING, MEASURED AS TELOMERE ATTRITION RATE, IS NOT ACCELERATED IN PRETERM INFANTS DURING THE FIRST 18 MONTHS OF LIFE (ID727)
E. Henckel; Z. Haider; P. Kosma; C. Palme-Kilander; G. Roos; S. Degerman; K. Bohlin, *Stockholm, Sweden*

16:15 - 16:30 QUANTIFICATION OF THE IMPACT OF PHARMACOGENETICS ON TRAMADOL DISPOSITION IN EARLY INFANCY (ID095)
K. Allegaert; R. van Schaik; V. Cossey; C. Vanhole; J. de Hoon; J. van den Anker; S. de Wildt, *Leuven, Belgium*

14:30-16:30 **HALL 3**

PARALLEL SESSION: EPIDEMIOLOGY TRACK II

Chairpersons: **T. Brink-Henriksen**, *Aarhus, Denmark;* **T. Williams**, *Edinburgh, UK;*

14:30 - 15:00 KEYNOTE LECTURE: GENETIC & EPIGENETIC EPIDEMIOLOGY & CONGENITAL MALFORMATIONS
R.T. Lie, *Bergen, Norway*

15:00 - 15:15 CONGENITAL HEART DISEASE, PLACENTAL ANOMALIES AND INDICES OF FETAL GROWTH IN A NATIONWIDE COHORT OF 931,174 LIVEBORN INFANTS (ID550)
N.B. Matthiesen; T.B. Henriksen; J.W. Gaynor; P. Agergaard; C.C. Bach; V. Hjortdal; J.R. Ostergaard, *Aarhus, Denmark*

15:15 - 15:30 MATERNAL OVERWEIGHT AND OBESITY IN EARLY PREGNANCY AND RISK OF INFANT MORTALITY: A POPULATION BASED COHORT STUDY IN SWEDEN (ID342)
S. Johansson; E. Villamor; M. Altman; A.K. Edstedt Bonamy; F. Granath; S. Cnattingius, *Stockholm, Sweden*

15:30 - 15:45 GILBERT GENOTYPES AND RESPIRATORY DISEASE IN VERY PRETERM INFANTS, A COHORT STUDY (ID031)
J.P. Petersen; F. Ebbesen; M. V. Hollegaard; S. Andersson; D. M. Hougaard; O. Thorlacius-Ussing; T. Brink Henriksen, *Aarhus, Denmark*

15:45 - 16:00 CONGENITAL HEART DISEASE AND INDICES OF FETAL CEREBRAL GROWTH IN A NATIONWIDE COHORT OF 931,174 LIVEBORN INFANTS (ID722)
N.B. Matthiesen; T. Brink Henriksen; J.W. Gaynor; P. Agergaard; C.C. Bach; V. Hjortdal; J.R. Ostergaard, *Aarhus, Denmark*

16:00 - 16:15 RELATIVE SIZE AT BIRTH AND PARENTAL CARDIOVASCULAR MORBIDITY, A NATIONAL REGISTER STUDY (ID870)
P. Hovi; S. Alenius; S.P.K . Näsänen-Gilmore; M. Vääräsmäki; M. Gissler; E. Kajantie, *Helsinki, Finland*

16:15 - 16:30 EARLY LIFE EXPOSURE TO ENDOCRINE DISRUPTORS AND TSH LEVELS IN NEWBORNS - ANALYSIS OF THREE EUROPEAN COHORTS (ID184)
M. de Cock; M.R. de Boer; E. Govarts; G. Schoeters; L. Palkovicova; T. Trnovec; N. Iszatt; M. Eggesbo; J. Legler; M. van de Bor, *Amsterdam, The Netehrlands*

14:30-16:30 **HALL 5**

PARALLEL SESSION: HUMAN MILK FOR THE SMALLEST: BREAST-FEEDING IN THE NICU

Chairpersons: **H. van Goudoever**, *Amsterdam, The Netherlands;* **G. Buonocore**, *Siena, Italy*

14:30 - 15:00 HUMAN MILK FOR PRETERM INFANTS – A CHANCE FOR FUTURE DEVELOPMENT
H. van Goudoever, *Amsterdam, The Netherlands*

15:00 - 15:30 HUMAN MILK IN THE NICU- IMPACT ON MORBIDITY OF PRETERMS
N. Haiden, *Vienna, Austria*

15:30 - 16:00 THE BREASTFEEDING-FRIENDLY NICU
R. Flacking, *Falun, Sweden*

16:00 - 16:30 A PRETERM MILK BANK
A. Flemmer, *Munich, Germany*

17:00 - 18:00 **PLENARY HALL**

PLENARY SESSION

Chairpersons: **J. Neu**, *Gainsville, USA;* **J. Rigo**, *Liege, Belgium*

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. Sangild, *Copenhagen, Denmark*

18:00 - 19:30 **PLENARY HALL**

SATELLITE SYMPOSIUM: APPROPRIATE GROWTH IN INFANCY - IS IT SIMPLE TO ACHIEVE?

Chairpersons: **F. Haschke**, *Salzburg, Austria*

18:00 - 18:30 PROTEIN REQUIREMENTS IN TERM INFANTS - QUANTITY AND QUALITY
F. Haschke, *Salzburg, Austria*

18:30 - 19:00 PROTEIN NEEDS AND NUTRITIONAL STATUS IN PRETERM INFANTS
N. Embleton, *Newcastle, UK*

19:00 - 19:30 HUMAN MILK FORTIFICATION IN PRETERM INFANTS
T. Senterre, *Liege, Belgium*

"industry-sponsored session" *(please see part 2 page 108)*

Saturday, September 19th, 2015

08:00 - 09:00 **HALL 1**

ESN Business Meeting

09:00 - 11:00 **PLENARY HALL**

PARALLEL SESSION: METABOLISM AND NUTRITION TRACK III

Chairpersons: J. Neu, *Gainesville, USA;* **N. Embleton**, *Newcastle, UK*

09:00 - 09:30 INTESTINAL MICROBIAL ECOLOGY AND ENVIRONMENTAL FACTORS
J. Neu, *Gainesville, USA*

09:30 - 10:00 KEYNOTE LECTURE: EARLY LIFE GUT-MICROBIOME-BRAIN INTERACTIONS: IMPLICATIONS FOR NEURODEVELOPMENTAL DISORDERS
R. Diaz Heijtz, *Stockholm, Sweden*

10:00 - 10:15 FECAL MICROBIOTA TRANSPLANTATION DECREASES NECROTIZING ENTEROCOLITIS BUT IS ASSOCIATED WITH INCREASED NEONATAL MORTALITY IN PRETERM PIGS (ID713)
L. Martin; M.S. Cilieborg; M.M. Birck; T. Thymann; P.T. Sangild, *Copenhagen, Denmark*

10:15 - 10:30 EARLY POSTNATAL HYDROCORTISONE FAILS TO PROTECT AGAINST NECROTIZING ENTEROCOLITIS IN PRETERM PIGS (ID692)
P.S. Worsøe; T. Skeath; M.M. Birck; T. Thymann; P.T. Sangild, *Copenhagen, Denmark*

10:30 - 10:45 THE EFFECT OF GESTATIONAL AGE ON THE CLINICAL PRESENTATION OF SEVERE NECROTISING ENTEROCOLITIS: A UK POPULATION STUDY (ID712)
C. Battersby; S. Mandalia; N. Fitz-Simon; N. Modi, *London, UK*

10:45 - 11:00 A STUDY OF IMPACT OF STANDARDISED FEEDING REGIME AND PROBITICS ON INCIDENCE & SEVERITY OF NECROTIZING ENTEROCOLITIS IN PRE-TERM BABIES, A SINGLE CENTRE EXPERIENCE (ID643)
K. Mansoor; A. Upasani; A. Minocha; O. Kazeem; R. Roy, *Norwich, UK*

09:00 - 11:00 **HALL 1**

PULMONARY SYMPOSIUM: RESPIRATORY SUPPORT

Chairpersons: A. Flemmer, *Munich, Germany;* **C.C. Roehr**, *Oxford, UK*

09:00 - 09:25 NON INVASIVE HFOV
D. de Luca, *Paris, France*

09:25 - 09:50 NON INVASIVE VENTILATION
C. Moretti, *Rome, Italy*

09:50 - 10:15 VOLUME GUARANTEE (VG) VENTILATION
M. Sánchez-Luna, *Madrid, Spain*

10:15 - 10:30 VOLUME GUARANTEE ON HIGH FREQUENCY OSCILLATORY VENTILATION IN PRTERM INFANTS: IS IT NEW LUNG PROTECTIVE STRATEGY? (ID306)
B. Iscan; N. Duman; F. Tuzun; A. Kumral; H. Ozkan, *Izmir, Turkey*

10:30 - 10:45 EXTUBATE: A RANDOMISED CONTROLLED TRIAL OF NASAL BIPHASIC POSITIVE AIRWAY PRESSURE VS. NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE FOLLOWING EXTUBATION IN INFANTS LESS THAN 30 WEEKS' GESTATION (ID039)
S. Victor; S.A. Roberts; S.J. Mitchell; on behalf of Extubate Trial Group, *Manchester, UK*

10:45 - 11:00 INTERVENTIONS TO IMPROVE RATES OF EXTUBATION SUCCESS IN PRETERM INFANTS: A SYSTEMATIC REVIEW OF THE EVIDENCE (ID163)
K. Ferguson; C. Roberts; B. Manley; P. Davis, *Melbourne, Australia*

"industry-sponsored session" (please see part 2 page 108)

09:00 - 11:00 **HALL 2**

PARALLEL SESSION: INFECTION TRACK III

Chairpersons: B. Kramer, *Maastricht, The Netherlands;* **D. Haumont**, *Brussels, Belgium*

09:00 - 09:30 HOW COLLABORATION CAN IMPROVE PHARMACOTHERAPY FOR ANTIBIOTICS OR NICE GUIDELINES AND EUROPE
M. Turner, *Liverpool, UK*

09:30 - 10:00 TINN-1-2 & NEOVANC - ANTIBIOTICS
V. Elie, *Paris, France*

10:00 - 10:15 REVIEW OF SECOND LINE ANTIBIOTIC CHOICE ON A TERTIARY NEONATAL UNIT IN THE UNITED KINGDOM (ID615)
L. Perkins; J. Matthes, *Cardiff, UK*

10:15 - 10:30 NEPHROTOXICITY RELATED TO VANCOMYCIN AND AMIKACYN ASSOCIATION IN NEONATAL PACIENTS (ID813)
R. Bianchi; M.L. Pequeno; H. Souza; B. Santin; J. Ropero; S. Salman; R. Mason; S. Taniguchi, *São Paulo, Brazil*

10:30 - 10:45 SCREENING FOR CONGENITAL CYTOMEGALOVIRUS (CMV) INFECTION - ARE WE GETTING IT RIGHT? (ID131)
M. Parmar; S. Bhayat; P. Dobbs; A. Joshi; S. Parida; C.S. Narayanan; N. Merchant, *Watford, UK*

10:45 - 11:00 BACTERIOLOGICAL SAFETY IN TRANSPORT, A CONTINUOUS CHALLENGE (ID421)
G. Jourdain; P. Quentin; V. Derouin; A. Boet; JL. Chabernaud; D. de Luca, *Paris, France*

09:00 - 11:00 **HALL 3**

PARALLEL SESSION: PHARMACOLOGY TRACK II

Chairpersons: D. Bassler, *Tubingen, Germany;* **M. Weidling**, *Liverpool, UK*

09:00 - 09:30 NEUROSIS - INHALATIONAL STEROIDS
D. Bassler, *Tubingen, Germany*

09:30 -10:00 PHARMACOLOGICAL SEDATION IN THE NEWBORN;DID WE FIND THE HOLY GRIAL YET
D. Tibboel, *Rotterdam, The Netherlands*

10:00 - 10:15 REDUCTION IN PRESCRIPTION ERRORS IN A NEONATAL INTENSIVE CARE UNIT: A COMPLETED AUDIT CYCLE (ID085)
T. Fordham; H. Green; B. Qureshi; H. Ibrahim; N.V. Subhedar, *Liverpool, UK*

10:15 -10:30 NEW PERSPECTIVES IN NEONATAL ANALGOSEDATION: DEXMEDETOMIDINE (ID573)
F. De Rienzo; I. Demarchi; C. Fiorito; D. Sola; S. De Franco; I. Stasi; M.R. Gallina; F. Ferrero, *Novara, Italy*

10:30 - 10:45 SSRI/SNRI DOSE DURING PREGNANCY IS ASSOCIATED WITH INCREASED NEED FOR SPECIAL NURSERY ADMISSION AND RESUSCITATION AT BIRTH (ID831)

R. Kohan; C. Lewis; S. Robinson-Wolrath; T. Nguyen; F. Watt; J. Frayne; C. Saunders; S. Durack; L. Brennand; E. Nathan; J. Humphreys; D. Doherty, *Western Australia*

10:45 - 11:00 DOXAPRAM THERAPY IN NEWBORNS; SHOULD WE STILL USE IT? (ID282)

R. Flint; N. Halbmeijer; I. Reiss; S. Simons, *Rotterdam, The Netherlands*

09:00 - 11:00 **HALL 4**

PARALLEL SESSION: BRAIN TRACK V

Chairpersons: P. Gressens, *Paris, France;* **I. Bendix**, *Essen, Germany*

09:00 - 10:15 NEUROPROTECTION: XENON

D. Edwards, *London, UK*

NEUROPROTECTION: EPO

P. Huppi, *Genève, Switzerland*

NEUROPROTECTION: CHALLENGES OF HYPOTHERMIA TREATMENT

M. Szabó, *Budapest, Hungary*

10:15 - 10:30 NEURODEVELOPMENTAL OUTCOME AFTER EARLY HIGH DOSE RECOMBINANT HUMAN ERYTHROPOIETIN IN VERY PRETERM INFANTS: RESULTS OF A RANDOMIZED PLACEBO-CONTROLLED, DOUBLE-BLIND TRIAL (ID432)

G. Natalucci; B. Latal; B. Koller; C. Rüegger; B. Sick; L. Held; H.U. Bucher; JC. Fauchère; on behalf of the 'The Swiss EPO Neuroprotection Trial Group', *Zurich, Switzerland*

10:30 - 10:45 FINGOLIMOD REDUCES NEONATAL WHITE MATTER DAMAGE AND LONG-TERM COGNITVE DEFICITS (ID483)

I. Bendix; M. Serdar; K. Kempe; J. Herz; K. Lumpe; B.S. Reinboth; S.V. Sizonenko; X. Hou; R. Herrmann; M. Hadamitzky; R. Heumann; M. Sifringer; Y.v.d. Looji; U. Felderhoff-Müser, *Essen, Germany*

10:45 - 11:00 THE HEME AND RADICAL SCAVENGER α1-MICROGLOBULIN (A1M) CONFERS PROTECTION OF THE PERIVENTRICULAR WHITE MATTER FOLLOWING PRETERM INTRAVENTRICULAR HEMORRHAGE (ID862)

S. Rutardottir; S. Sveinsdottir; S. R. Hansson; B. Åkerström; D. Ley; M. Gram, *Lund, Sweden*

09:00 - 11:00 **HALL 5**

PARALLEL SESSION: BLOOD PRESSURE AND AUTOREGULATION

Chairpersons: M. Weindling, *Liverpool, UK;* **E. Verhagen**, *Rotterdam, The Netherlands*

09:00 - 09:30 NIRS
G. Greisen, *Copenhagen, Denmark*

09:30 - 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 DOPAMINE INFUSION IMPROVES CEREBRAL AUTOREGUALTION IN NEWBORN PIGLETS (ID340)
V.R. Eriksen; M. Rasmussen; G.H. Hahn; G. Greisen, *Copenhagen, Denmark*

10:15 - 10:30 EXPLORING CEREBRAL AUTOREGULATION (AR) IN MODERATE AND SEVERE NEONATAL HYPOXIC ISCHEMIC ENCEPHALOPATHY (HIE) DURING WHOLE BODY HYPOTHERMIA (WBH) (ID688)
P. López-Ortego; J. Riera; M.C. Bravo; L. Sanchez; R. Madero; E. Valverde; F. Cabañas; A. Pellicer, *Madrid, Spain*

10:30 - 10:45 OPTIMAL MEAN ARTERIAL BLOOD PRESSURE IN PRETERM INFANTS WITH LESS THAN 24 HOURS OF AGE (ID819)
C.S. da Costa; M Czosnyka; P. Smielewski; G. Stevenson; C. Kemp; T. Austin, *Cambridge, UK*

10:45 - 11:00 SERUM CORTISOL LEVELS AND HYDROCORTISONE SUPPLEMENTATION IN SYSTEMIC LOW BLOOD PRESSURE IN ASPHYXIATED NEWBORNS TREATED WITH HYPOTHERMIA (ID758)
K. Kovacs; A. Jermendy; A. Cseko; G. Bokodi; U. Meder; M. Szabo, *Budapest, Hungary*

11:30-12:30 **PLENARY HALL**

IPRF PLENARY SESSION

Chairpersons: O. Baud, *Paris, France;* **H. Rabe**, *Brighton, UK*

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

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

12:30 - 13:30 **HALL 4**

LUNCHEON SYMPOSIUM

12:30 - 13:15 MEASURING TISSUE OXYGENATION WITH CEREBRAL/SOMATIC OXIMETRY- INVOS ON NEONATAL PATIENTS IN NICU
B. Urlesberger, *Graz, Austria*

13:15 - 13:30 QUESTIONS AND ANSWERS

"industry-sponsored course" *(please see part 2 page 109)*

12:30-13:30 **ESN/ESPR/UENPS LOUNGE**

EPIDEMIOLOGY SECTION BUSINESS

13:30-14:30 **ESN/ESPR/UENPS LOUNGE**

PHARMACOLOGY SECTION BUSINESS MEETING

13:30 - 15:00 **PLENARY HALL**

POSTER SESSION: EPIDEMIOLOGY POSTER SESSION 2

Chairpersons: **L. Gagliardi**, *Viareggio, Italy*; **A.C. Finnemann Viuff**, *Aarhus, Denmark*

13:30 - 13:35 SNAPPE-II: A VALUABLE PREDICTOR OF ADVERSE OUTCOMES IN PREMATURITY (ID299)
P. Costa-Reis; R. Monteiro; M. Abrantes; P. Costa; A. Graça; C. Moniz, *Lisbon, Portugal*

13:35 - 13:40 THE ASSOCIATION BETWEEN MATERNAL AND FETAL 25OHD AND INFANT SIZE AND ADIPOSITY AT BIRTH, 6 MONTHS AND 2 YEARS OF AGE (ID272)
M.K. Horan; J.M. Donnelly; C.A. McGowan; E.R. Gibney; F.M. McAuliffe, *Dublin, Ireland*

13:40 - 13:45 IMPACT OF EX UTERO TRANSPORT, GENDER, AND ANTENATAL STEROIDS ON IN-HOSPITAL MORTALITY OF NEONATES IN HUNGARY: A RETROSPECTIVE COHORT STUDY (ID863)
A. Jermendy; A.Valek; M.Szabo, *Budapest, Hungary*

13:45 - 13:50 PREVALENCE OF VITAMIN D DEFICIENCY IN MOTHERS AND THEIR NEWBORNS IN A TUNISIAN TERTIARY CARE HOSPITAL (ID307)
I. Ayadi; A. Ghdamssi; K. Bouzid; A. Bahlous; C. Amrouch; E. Ben Hamida; J. Abdelmoula; Z. Marrakchi, *Tunis, Tunisia*

13:50 - 13:55 PLACENTAL GROWTH FACTOR AND ENDOTHELIAL CELL-SPECIFIC MOLECULE 1 LEVELS IN DISCORDANT AND CONCORDANT TWINS AND THEIR RELATIONSHIP WITH FETAL GROWTH (ID689)
G. Kadioglu Şimşek; S. Arayıcı; N. Okur; M. Büyüktiryaki; F.E. Canpolat; S.S.Oğuz, *Ankara, Turkey*

13:55 - 14:00 THERMOREGULATION IN VERY LOW BIRTHWEIGHT INFANTS: A SURVEY OF CURRENT PRACTICE IN 87 NICUs (ID598)
A. Perez ; F. van der Meer; E. Vettorazzi; D. Singer, *Hamburg, Germany*

14:00 - 14:05 REGIONAL ELECTRONIC RESEARCH SYSTEM E-WCZEŚNIAK (E PREEMIE) IN MAZOVIA, POLAND (ID295)
M. Katarzyna Borszewska-Kornacka, *Warsaw, Poland*

14:05 - 14:10 HEARING IMPAIRMENT IN PREMATURE NEWBORNS - ANALYSIS BASED ON THE NATIONAL HEARING SCREENING DATABASE (ID868)
K. Wroblewska-Seniuk; P. Dabrowski; G. Greczka; J. Mazela, *Poznan, Poland*

14:10 - 14:15 IS ROUTINE USE OF ANTIBIOTICS IN PRETERM INFANTS BORN BY ELECTIVE CAESAREAN SECTION (COLD SECTION) WITH RESPIRATORY DISTRESS SYNDROME IS JUSTIFIABLE? (ID043)
R. Onita; H. Gowda, *Luton, UK*

14:15 - 14:20 CLINICAL VALUE OF PLACENTAL HISTOLOGY IN DIAGNOSING EARLY ONSET NEONATAL SEPSIS (ID313)
J. IJkema; E. 'D Haens; M. Havenith; J. van Eijck; M. Hemels, *The Netherlands*

14:20 - 14:25 VAGINAL UREAPLASMA PARVUM BUT NOT UREALYTICUM COLONIZATION AT 12 TO 14 WEEKS OF GESTATION IS SIGNIFICANTLY ASSOCIATED WITH PRETERM DELIVERY (ID046)
J. Rittenschober-Boehm; D. Kasper; S. Schulz; B. Pimpel; T. Waldhoer; E. Hafner; G. Sliutz; A. Witt; A. Berger, *Vienna, Austria*

14:25 - 14:30 CLEARING SERIOUS INFECTION: A QUALITY IMPROVEMENT INITIATIVE TO REDUCE NOSOCOMIAL INFECTION (ID400)
C. Duncan; C. Mayes; J.S. Craig, *Belfast, UK*

14:30 - 14:35 OXYGEN SATURATION LEVELS IN PRETERM INFANTS IN DELIVERY ROOM (ID640)
S. Uslu; U. Zubarioglu; S. Sozeri; A. Bulbul; M. Dursun; E. Turkoglu, *Istanbul, Turkey*

14:35 - 14:40 URINARY NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN (NGAL) AFTER GLOBAL HYPOXIA-ISCHEMIA IN NEWBORN PIGLETS (ID857)
H.T Garberg; M.U. Huun; G. Dyrhaug; R. Solberg ; O.D Saugstad, *Oslo, Norway*

14:40 - 14:45 ANXIETY AND DEPRESSION OVER TIME, IN MOTHERS OF VERY PRETERM BORN CHILDREN (ID187)
M. Jeukens-Visser; M. Husson; D. Meijssen; M. Flierman; P. van Schie; K. Koldewijn; A. Wassenaer-van Leemhuis, *Amsterdam, The Netherlands*

14:45 - 14:50 LONGITUDINAL CHANGE OF HEALTH-RELATED QUALITY OF LIFE EXPERIENCED OVER TIME BY MOTHER WITH LATE PRETERM INFANT (ID469)
L.Y. Tsai; S.C. Mu; Y.L. Chen; Y.L. Guo; P.C. Chen, *Taipei, Taiwan*

14:50 - 14:55 LATE PRETERM NEONATES AND CAUSES OF ADMISSION TO THE NICU (ID417)
S. Arayici; G. Kadioglu Simsek; B. Say; E. Alyamac Dizdar; N. Uras; F.E. Canpolat; S.S. Oguz, *Ankara, Turkey*

14:55 - 15:00 ACCEPTABILITY OF PARENT REPORT QUESTIONNAIRES FOR ROUTINE FOLLOW-UP IN LATE/MODERATELY PRETERM INFANTS (ID609)
N. Armstrong; S Johnson; E.M. Boyle, *Leicester, United Kingdom*

13:30 - 15:00 **HALL 1**

POSTER SESSION: PERINATAL CARE

Chairpersons: **D. August**, *Townsville, Australia*; **U. Simeoni**, *Lousanna, Switzerland*

13:30 - 13:35 WELLBEING VERSUS BLOOD TESTING IN NEWBORNS ≥ 35 WEEKS' GESTATION WITH RISK FACTORS OF EARLY ONSET SEPSIS: A HOSPITAL-BASED STUDY (ID124)
A. Al Omran; S. AL Abdi Al Ahsa, *Saudi Arabia*

13:35 - 13:40 MONITORING OF ANTENATAL STEROIDS, DELAYED CORD CLAMPING AND THERMOREGULATION (MASCoT) (ID508)
S. Mohamed Cassim; L. Beattie; C. Granger; D. Anand, *Glasgow, UK*

13:40 - 13:45 FEASIBILITY OF AN AGE-APPROPRIATE ADDITION TO A PREVENTIVE POST-DISCHARGE INTERVENTION FOR VERY PRETERM TODDLERS; A PILOT STUDY. (ID175)
M. Flierman; K. Koldewijn; D. Meijssen; A. van Wassenaer-Leemhuis; C. Aarnoudse-Moens; P. van Schie; M. Jeukens-Visser, *Amsterdam, The Netherlands*

13:45 - 13:50 REGIONALIZATION, MORTALITY AND MORBIDITY OF EXTREMELY PREMATURE INFANTS IN EASTERN DENMARK 1994-2011 (ID125)
A.B. Hasselager; O. Pryds; K. Boerch, *Copenhagen; Denmark*

13:50 - 13:55 PROVIDING IMMEDIATE NEONATAL CARE AND RESUSCITATION AT BIRTH BESIDE THE WOMAN: CLINICIANS' VIEWS, A QUALITATIVE STUDY (ID210)
C.W. Yoxall; S. Ayers; A. Sawyer; S. Bertullies; M. Thomas; A.D. Weeks; L. Duley, *Liverpool, UK*

13:55 - 14:00 NEONATAL HEARING SCREENING: RESULTS IN TBILISI,GEORGIA (ID014)
T. Devdariani; S. Japaridze; Z. Kevanishvili, *Tbilisi, Georgia*

14:00 - 14:05 MORTALITY AND SERIOUS MORBIDITY RATES IN OUTBORN COMPARED WITH INBORN 22-27 WEEKS' GESTATION INFANTS: A POPULATION-BASED STUDY (ID375)
R. Boland; P. Davis; J. Dawson; L. Doyle, *Parkville, Australia*

14:05 - 14:10 PROVIDING IMMEDIATE NEONATAL CARE AND RESUSCITATION AT BIRTH BESIDE THE WOMAN: PARENTS' VIEWS, A QUALITATIVE STUDY (ID208)
A. Sawyer; S. Ayers; S. Bertullies; M. Thomas; A.D. Weeks; C.W. Yoxall; L. Duley, *London, UK*

14:10 - 14:15 TRANSITIONAL CARE ON THE POSTNATAL WARD - IS IT TIME FOR A CHANGE? (ID425)
C. Sullivan, *Swansea, UK*

14:15 - 14:20 MONITORING HEART RATE IN PREMATURE INFANTS IMMEDIATELY AFTER BIRTH: PRELIMINARY RESULTS (ID644)
S. Uslu; S. Sozeri; U. Zubarioglu; A. Bulbul; M. Dursun; E. Turkoglu, *Istanbul, Turkey*

14:20 - 14:25 PERINATAL HEALTH AND LEVEL OF NEONATAL CARE IN AN ITALIAN REGION (ID707)
E. Trequattrini; L. Minelli; M. Chiavarini, *Perugia, Italy*

14:25 - 14:30 INTERNATIONAL CARE PRACTICES AROUND AN INFANT'S DEATH IN THE NICU; A SURVEY STUDY (ID408)
C.M.C. van den Berg; K. Alferink; J. M. Latour; N. Valkenburg; M. van Dijk, *Rotterdam, The Netherlands*

14:30 - 14:35 GUIDELINES FOR NEONATAL SURGERY IN ITALY: WORK IN PROGRESS (ID732)
I. Bernardini; M. Chiavarini; S. Tesoro; L. Marchesini; D. Bologni; W. Orlandi; M. Pioppo, *Perugia, Italy*

14:35 - 14:40 IMPLEMENTATION OF PULSE OXIMETRY SCREENING IN DETECTING CRITICAL CONGENITAL HEART DISEASES IN NEWBORNS. EXPERIENCE OF A TERTIARY NEONATAL CARE UNIT (ID837)
I. Jańczewska; I. Domżalska-Popadiuk, *Gdansk, Poland*

14:40 - 14:45 EVOLUTION TRENDS AND SURGICAL APPROACH IN HYPERTENSIVE DISEASE OF PREGNANCY (ID649)
G. Noditi; A. Gluhovschi; I. Enatescu; D. Anastasiu; C. Dragomir; M. Craina, *Romania*

14:45 - 14:50 PULSE OXIMETRY SCREENING IN COMMUNITY MIDWIFERY: ACCEPTABILITY OF MOTHERS AND COMMUNITY MIDWIVES (ID825)
I. C. Narayen; N.A. Blom; M.S. Bourgonje-Verhart; C. Kolster-Bijdevaate; F.Posthumus; A.A. Kaptein; A.B. te Pas, *Leiden, The Netherlands*

14:50 - 14:55 DEVELOPMENT OF A TOOL TO CALCULATE NEONATAL INTENSIVE CARE COT AVAILABILITY (ID736)
C. Peters, *Glasgow, UK*

13:30 - 15:00 **HALL 2**

POSTER SESSION: CIRCULATION 2

Chairpersons: **S. Hyttel-Sorensen**, *Copenhagen, Denmark*; **P.M.A. Lemmers**, *Utrecht, The Netherlands*

13:30 - 13:35 THE EFFECT OF MATERNAL ANTIHYPERTENSIVE DRUGS ON CEREBRAL, RENAL AND SPLANCHNIC OXYGEN EXTRACTION IN PRETERM BORN NEONATES (ID333)
A.E. Richter; T.E. Schat; K.N.J.A. Van Braeckel; A.F. Bos; E.M.W. Kooi, *Groningen, The Netherlands*

13:35 - 13:40 SURVIVAL AFTER CARDIAC ARREST IN THE NEONATAL INTENSIVE CARE UNIT (ID412)
E. Foglia; R. Langeveld; L. Heimall; A. Deveney; A. Ades; E. Jensen, *Philadelphia, USA*

13:40 - 13:45 HEMATOLOGIC ABNORMALITIES IN THE FIRST 72 HOURS OF LIFE IN SMALL-FOR-GESTATIONAL-AGE PRETERM NEWBORNS (ID234)
A. Matic; A. Ristivojevic, *Novi Sad, Serbia*

13:45 - 13:50 THE ANTICOAGULANT ACTION OF ACTIVATED PROTEIN C IN VERY PRETERM INFANTS (ID564)
E. Neary; N. McCallion; B. Kevane; K. Egan; M. Cotter; F. Ni Ainle, *Dublin, Ireland*

13:50 - 13:55 PERFUSION INDEX USED AS A SIXTH VITAL SIGN IN PRETERM INFANTS LEADS TO EARLY DIAGNOSIS OF SHOCK, BETTER OUTCOMES (ID314)
D. Hariharan; G. Veluswami; L. Balasubramanian; V. Kannappan; R.M. Sahadevan, *Chennai, India*

13:55 - 14:00 PRIOR CLINICAL DESCRIPTION BIASES ASSESSMENT OF CAPILLARY REFILL TIME (ID587)
E. Murphy; S. Coleman; S. Hill; C. Henry; D. Morris; D. Sharkey, *Nottingham, UK*

14:00 - 14:05 PLETH VARIABILITY INDEX IN PRETERM INFANTS: IS IT FEASIBLE? (ID090)
H.A. van Elteren; T.G. Goos; I.K.M. Reiss; R.C.J. de Jonge; V.J. van den Berg, *Rotterdam, The Netherlands*

14:05 - 14:10 SKIN MICROCIRCULATION IN ASPHYXIATED NEWBORNS TREATED WITH HYPOTHERMIA (ID334)
S. Fredly; D. Fugelseth; C.S. Nyggard; T. Stiris; K. Kvernebo, *Oslo, Norway*

14:10 - 14:15 POINT OF CARE FUNCTIONAL ECHOCARDIOGRAPHIC INTER AND INTRA-OBSERVER VARIABILITY: RIGHT VENTRICULAR OUTFLOW & SUPERIOR VENA CAVA FLOW IN WELL AND UNWELL NEWBORN INFANTS (ID516)
L. Mahoney; J.R. Fernandez Alvarez; H. Rojas-Anaya; N.Aiton; D. Wertheim; P. Seddon; H. Rabe, *Brighton, UK*

14:15 - 14:20 UK TRANSFUSION-ASSOCIATED NECROTISING ENTEROCOLITIS CASES IDENTIFIED THROUGH A MULTI CENTRE AUDIT (ID606)
S. Hamad; K. Jones; K. Sim; S. Cherian; A. James; S. Godambe; H. New; J.S. Kroll; P. Clarke, *Norwich, UK*

14:20 - 14:25 EARLY CIRCULATORY AND RESPIRATORY PARAMETERS IN EXTREMELY PRETERM INFANTS (ID737)
K.W. Olsson; R. Sindelar; A. Jonzon, *Uppsala, Sweden*

14:25 - 14:30 HEART RATE VARIABILITY CHANGES ASSOCIATED WITH NEONATAL INFECTION (ID520)
P. Amess; H. Rabe; D. Wertheim, *Brighton, UK*

14:30 - 14:35 IMPACT OF MATERNAL FACTORS ON CIRCULATING CORD/PERIPHERAL BLOOD CYTOKINES AND STEM CELLS IN PRETERM INFANTS IN CORD CLAMPING TRIAL (ID884)
J. Mercer; V. Bhandari; D. Erickson-Owens; B. Vohr; R. Tucker; W. Oh; J. Padbury, *Providence, USA*

14:35 - 14:40 ASSOCIATION BETWEEN INDUCED LABOR AND FETAL STRESS HORMONE RELEASE (ID581)
S. Wellmann; A. Koslowski; K. Spanaus; R. Zimmermann; T. Burkhardt, *Basel, Switzerland*

14:40 - 14:45 THE EFFECTS OF SKIN-TO SKIN ON PLACENTAL TRANSFUSION: A NONRANDOMIZED PILOT CONTROLLED TRIAL (ID567)
D. Erickson-Owens; J. Mercer; D. Thulier; W. Oh; M. VanVleet, *Providence RI, USA*

14:45 - 14:50 THE EFFECT OF ANTENATAL MAGNESIUM SULFATE ADMINISTRATION ON LEFT VENTRICULAR AFTERLOAD AND MYOCARDIAL PERFORMANCE MEASURED USING DEFORMATION AND ROTATIONAL MECHANICS IMAGING (ID057)
J.D. Corcoran; B. Hayes; O. Franklin; A. EL-Khuffash, *Dublin, Ireland*

14:50 - 14:55 THROMBOELASTOGRAPHYCAL ASSESSMENT OF THE HEMOSTATIC SYSTEM IN NEWBORNS WITH PERIVENTRICULAR HEMORRHAGE (ID209)
K. Leonava, *Minsk, Belarus*

14:55 - 15:00 SERUM NEUTROPHIL GELATINASE-ASOCIATED LIPOCALIN AS AN EARLY MARKER OF ACUTE KIDNEY INJURY IN NEONATES WITH HYPOPLASTIC LEFT HEART SYNDROME (ID164)
P. Surmiak; M. Baumert; Z. Walencka; A. Witek, *Katowice, Poland*

13:30 - 15:00 **HALL 3**

POSTER SESSION: NUTRITION AND GASTROENTEROLOGY POSTER SESSION 2

Chairpersons: **H. Varendi**, *Tartu, Estonia;* **J. Neu**, *Gainsville, USA*

13:30 - 13:35 VITAMIN D AT A DOSE 400 IU/D PROTECTS TERM AND PRETERM INFANTS FROM DEFICIENCY. (ID859)
J. Czech - Kowalska; M. Jaworski; A. Pleskaczynska; D. Maksym; M. Gruszfeld; G. Wygledowska; B. Pawlus; A. Zochowska; M. Kornacka; A. Dobrzanska, *Warsaw, Poland*

13:35 - 13:40 NUTRITIONAL AND CLINICAL OUTCOMES OF THE IMPLEMENTATION OF MULTIDISCIPLINARY NUTRITON SUPPORT TEAM IN A TERTIARY NEONATAL INTENSIVE CARE UNIT (ID134)
B.K. Lee; E.R. Jeong; I.G. Song; Y.H. Jung; S.H. Shin; E.K. Kim; H.S. Kim; J.H. Choi, *Seoul, South Korea*

13:40 - 13:45 GLUCOSE LEVELS DURING METABOLIC TRANSITION IN THE HEALTHY TERM NEWBORN: A PILOT STUDY WITH CONTINUOUS GLUCOSE MONITORING (ID779)
I. Iglesias-Platas; A. Morillo-Palomo; M. Thió-Lluch, *Barcelona, Spain*

13:45 - 13:50 EXAMINATION OF BIOACTIVE FACTORS IN HUMAN BREAST MILK SAMPLES (ID628)
R. A. Vass; D. Reglodi; J. Garai; Z. Helyes; I. Tarcai; A. Tamas, *Pecs, Hungary*

13:50 - 13:55 BREAST MILK VERSUS FORMULA FOR THE ENTERAL NUTRITION OF VERY PRETERM INFANTS - OUTCOME AT THE AGE OF ONE AND TWO YEARS (ID296)
L. Kirchner; N. Klambauer; R. Fuiko; S. Brandstetter, *Vienna, Austria*

13:55 - 14:00 HYPERGLYCEMIA IN EXTREMELY PRETERM INFANTS LASTS LONGER THAN PREVIOUSLY ACKNOWLEDGED - RESULTS FROM THE EXPRESS STUDY (ID248)
I. M. Zamir; E. Stoltz Sjöström; F. Ahlsson; M. Domellöf, *Umeå, Sweden*

14:00 - 14:05 BLOOD UREA NITROGEN IN VERY LOW BIRTH WEIGHT INFANTS - A USEFUL MARKER FOR PROTEIN INTAKE? (ID584)
M. Lindberg; I. M. Zamir; C. Späth; E. Stoltz Sjöström; M. Domellöf, *Umeå, Sweden*

14:05 - 14:10 AGGRESSIVE VITAMIN D SUPPLEMENTATION IS SAFE & EFFECTIVE IN PRETERM NEONATES (ID226)
T. Waterfield; C. Chetcuti-Ganado; A. Olariu, *Luton, UK*

14:10 - 14:15 HUMAN MILK FEEDING COMPARED TO FORMULA FEEDING POST DISCHARGE SEEMS TO BE ASSOCIATED WITH INCREASED BMD AT SIX YEARS OF AGE IN VERY PRETERM BORN INFANTS (ID215)
L. Toftlund; L. Agertoft; S. Halken; G. Zachariassen, *Odense, Denmark*

14:15 - 14:20 AGE AT OCCURRENCE OF FOCAL INTESTINAL PERFORATION AND NECROTIZING ENTEROCOLITIS IN PRETERM INFANTS (ID494)
S. Petersen; G. Greisen, *Copenhagen, Denmark*

14:20 - 14:25 CLINICAL EFFECTIVENESS OF HYDROLYZED PROTEIN PRETERM FORMULA IN PREVENTION OF FEEDING INTOLERANCE IN VERY LOW BIRTH WEIGHT INFANTS (ID305)

D. Dobryanskyy; O. Borysiuk; O. Novikova; Y. Dubrovna; Z. Salabay; O. Detsyk, *Lviv Ukraine*

14:25 - 14:30 COMPARISON OF DRY BLOOD SPOT AMINO ACID PROFILES BETWEEN PRETERM INFANTS AT TERM POSTMENSTRUAL AGE AND HEALTHY TERM NEWBORNS (ID786)

C. Balcells; M. Izquierdo-Renau; M. Molero; C. Sierra; R. Artuch; I. Iglesias-Platas, *Barcelona, Spain*

14:30 - 14:35 THE EFFECT OF A STANDARDIZED GASTRIC RESIDUAL REGIME ON FEEDING TOLERANCE IN PRETERM INFANTS (ID041)

T.J.M. Cents; D. van Zoeren-Grobben; R.A. van Lingen; L.J.Groot Jebbink, *Zwolle, The Netherlands*

14:35 - 14:40 VARIABILITY IN BONE MARKERS PROFILE OF NEWBORNS AND THEIR MOTHERS AFTER DHA SUPPLEMENTATION IN PREGNANCY (ID774)

L. Serrano López; M. Peña Caballero; E. Martín Álvarez; J. Diaz Castro; N. Najarabille; J.J. Ochoa; J.A. Hurtado Suazo, *Granada, Spain*

14:40 - 14:45 PERINATAL INFLAMMATION AND CHILDHOOD ADIPOSITY - THE INFLUENCE OF GENDER (ID264)

J. Donnelly; K Lindsay; J. Walsh; M. Horan; D. O'Shea; E.J. Molloy; F. McAuliffe, *Dublin, Ireland*

14:45 - 14:50 GROWTH PATTERN AND BODY COMPOSITION OF PRETERM INFANTS FROM BIRTH TO DISCHARGE: A PROSPECTIVE STUDY (ID249)

Z. Khan; N. Morris; S. Wallner-Liebmann; N. Haiden; B. Urlesberger, *Graz, Austria*

14:50 - 14:55 NEONATAL ANTIBIOTICS IN PRETERM INFANTS AND RISK OF ALLERGIC DISEASES LATER IN LIFE (ID810)

E. Westerbeek; A. van Zwol; L. Carstens; R. van Elburg, *Amsterdam, The Netherlands*

14:55 - 15:00 NEONATAL NUTRITION AND CARDIOVASCULAR HEALTH DETERMINANTS IN PRESCHOOL CHILDREN BORN PRETERM - PRELIMINARY DATA (ID714)

I. Odri Komazec; A. Posod; E. Schermer; M. Schwienbacher; K. Kager; U. Pupp Peglow; D. Baumgartner; U. Kiechl-Kohlendorfer, *Innsbruck, Austria*

13:30 - 15:00 **HALL 4**

POSTER SESSION: BRAIN 4

Chairpersons: **L. Ramenghi**, *Genoa, Italy;* **P. Gressens**, *Paris, France*

13:30 - 13:35 IS NEONATAL ESTABLISHED HEARING LOSS PERMANENT IN NICU GRADUATES? (ID045)
J. Kuiper; W. van Huffelen; R. Benard, *Zwolle, The Netherlands*

13:35 - 13:40 SHOULD WE CORRECT FOR GESTATIONAL AGE WHEN ASSESSING DEVELOPMENT IN PRETERM-BORN CHILDREN? (ID241)
N.H. van Dokkum; J.M. Kerstjens; D.M. van Maanen; A.F. de Winter; A.F. Bos; S.A. Reijneveld, *Groningen, The Netherlands*

13:40 - 13:45 NEUROCOGNITIVE DISABILITIES IN CHILDREN WITH MINOR NEUROLOGICAL DYSFUNCTION BORN VERY PRETERM (ID156)
T. Kurpershoek; E. Potharst-Sirag; C. Aarnoudse-Moens; A. van Wassenaer-Leemhuis, *Amsterdam, The Netherlands*

13:45 - 13:50 2 YEAR NEURODEVELOPMENTAL OUTCOMES FOLLOWING EXTREME PREMATURITY OR EXTREMELY LOW BIRTH WEIGHT IN NOTTINGHAM, UNITED KINGDOM. BIRTH COHORT 2000-2008 (ID097)
C. Forster; T. Crosby; J. Dorling, *Nottingham, United Kingdom*

13:50 - 13:55 MONOCHORIONIC DIAMNIOTIC TWINS: A 2-YEAR DEVELOPMENTAL OUTCOME (ID293)
E. Teixeira; M. Machado; L. M. Ferreira; F. Rodrigues; R. Henriques; E. Afonso, *Coimbra, Portugal*

13:55 - 14:00 EPILEPSY IN CHILDREN BORN MODERATELY AND LATE PRETERM (ID129)
M. Hirvonen; R. Ojala; P. Korhonen; P. Haataja; K. Eriksson; M. Gissler; T. Luukkaala; O. Tammela, *Tampere, Finland*

14:00 - 14:05 IS MANAGING PAIN A PAIN? NATIONAL SURVEY ON NEONATAL PAIN MANAGEMENT IN THE UNITED KINGDOM (ID534)
S. Bhayat; H. Gowda, *Luton, UK*

14:05 - 14:10 EFFECT OF SHORTER DELAY TIME AFTER SUCROSE ADMINISTRATION TO REDUCE HEEL STICK RELATED PAIN IN NEWBORN INFANTS (ID088)
N.J. Meesters; M. van Dijk; S.H.P. Simons, *Rotterdam, The Netherlands*

14:10 - 14:15 PRENATAL EXPOSURE TO HYDROXYLATED POLYCHLORINATED BIPHENYLS IS ASSOCIATED WITH MENTAL AND MOTOR DEVELOPMENT OF INFANTS AT THE AGE OF 18 MONTHS (ID446)
M. Ruel; A. Bos; S. Soechitram; L. Meijer; P. Sauer; S. Berghuis, *Groningen, The Netherlands*

14:15 - 14:20 OCCURRENCE OF ABNORMAL PLACENTAL HISTOLOGY FINDINGS IN TERM ASPHYXIATED INFANTS (ID860)
A. Ildikó Tóth; M. Szabó; Á. Nándor; E Széll, *Budapest, Hungary*

14:20 - 14:25 THE ANTISECRETORY FACTOR IN PRETERM AND TERM PLACENTAS (ID654)
A. Gustafsson; E. Fransson; A. Dubicke; SA. Silfverdal; E. Jennische; S.Lange; K.Bohlin, *Stockholm, Sweden*

14:25 - 14:30 INSULIN-LIKE GROWTH FACTOR-1 PROTEIN CONCENTRATION INCREASES PERINATALLY AND REMAINS HIGH POSTNATALLY IN LAMBS, MIRRORING THE PROFILE IN HUMANS FROM THE FOETUS TO THE ADOLESCENT (ID247)

M. Dahl; D. Keefe; J.-K. Chung; N. Barton; R. Ward; K. Albertine, *Lexington, USA*

14:30 - 14:35 PRETERM INFANTS BORN WITH PRENATAL ABSENT OR REVERSED END-DIASTOLIC FLOW VELOCITY (AREDV) SHOW SIGNIFICANT LOWER BAYLEY III SCALES AT 2 YEARS- A MATCH CONTROL STUDY (ID285)

C.N. Chen; H.C. Huang; C.Y. Chen; H.C. Chou; W.S. Hsieh; P.N. Tsao, *Taipei, Taiwan*

14:35 - 14:40 CHORIOAMNIONITIS IN PRETERM INFANTS IS NOT ASSOCIATED WITH BRAIN SIZE AND MATURATION AT TERM EQUIVALENT AGE (ID004)

A.J. Spittle; L.W. Doyle; J. Pyman; J.M. Walsh; L. Coleman; C.Dagia; J.L.Y. Cheong, *Glasgow, UK*

14:40 - 14:45 TRIGEMINAL ODOURS RELEASED BY HEALTH CARE PRODUCTS ACTIVATE CORTICAL PAIN PROCESSING AREAS AND TRIGGER PAIN BEHAVIOR IN PRETERM AND FULL TERM BORN INFANTS (ID577)

J. Frie; M. Bartocci; H. Lagercrantz; P. Kuhn, *Stockholm, Sweden*

14:45 - 14:50 IN VIVO ASSESSMENT OF CEREBRO-CEREBELLAR CONNECTIVITY IN THE DEVELOPING BRAIN USING HIGH ANGULAR RESOLUTION DIFFUSION IMAGING (ID377)

K. Pieterman; D. Batalle; J. Dudink; D. Tournier; E. Hughes; N. Tusor; A.D. Edwards; F. Hoebeek; S.J Counsell, *Rotterdam, The Netherlands*

14:50 - 14:55 DIFFUSE OPTICAL IMAGING OF RESTING STATE FUNCTIONAL CONNECTIVITY IN INFANTS (ID404)

C.W. Lee; R.J. Cooper; L.A. Dempsey; M. Chalia; S. Brigadoi; N Everdell; J.C. Hebden; T. Austin, *Cambridge, UK*

13:30 - 15:00 **HALL 5**

POSTER SESSION: PULMONARY POSTER SYMPOSIUM 3: LUNG INJURY AND BPD

Chairpersons: **O. Danhaive**, *San Francisco, USA;* **C.C. Roehr**, *Oxford, UK*

13:30 - 13:35 RESPIRATORY MORBIDITY OF PRETERM INFANTS WITH AND WITHOUT BRONCHOPULMONARY DYSPLASIA, AFTER DISCHARGE, IN THE FIRST 2 YEARS OF LIFE (ID559)
E. Mulder; M. Rijken; L. de Smet; E. Lopriore; A. te Pas, *Leiden, The Netherlands*

13:35 - 13:40 A RANDOMISED CLINICAL TRIAL: EFFECTS ORAL VITAMIN A SUPPLEMENTATION FOR PREVENTING BRONCHOPULMONARY DYSPLASIA IN VERY LOW BIRTH WEIGHT INFANTS (ID662)
E. Calisici; E. Yarci; S.S. Oguz; N. Uras; U. Dilmen, *Ankara, Turkey*

13:40 - 13:45 CLINICAL COURSE AND PROGNOSIS AT ONE YEAR OF CORRECTED AGE OF A 6135 COLOMBIAN LOW BIRTH WEIGHT (LBW) INFANTS COHORT DISCHARGED HOME IN KANGAROO POSITION WITH AMBULATORY OXYGEN: A 15 YEARS EXPERIENCE (ID256)
E. Rodriguez; A. Montealegre; L. Rosero; N. Charpak; S. Fernandez; A. Parra, *Bogota, Colombia*

13:45 - 13:50 RESPIRATORY MORBIDITY AFTER NICU DISCHARGE OF PRETERM BABIES WITH CHRONIC LUNG DISEASE (ID261)
C. McKnight; S. Somisetty, Luton, UK

13:50 - 13:55 BRONCHODILATOR RESPONSE TO SLABUTAMOL MODYFIES LUNG VENTILATION PATTERN IN PRESCHOOL CHILDREN WITH BPD, BUT NOT IN PRESCHOOL EX-PREMATURELY BORN CHILDREN WITHOUT BPD (ID678)
W. Durlak; M. Klimek; A. Sudoł; P. Kwinta, *Cracow, Poland*

13:55 - 14:00 TIMELY IN-HOSPITAL VACCINATION OF VLBW INFANTS REDUCES THE RATE OF BRONCHITIS AFTER DISCHARGE OF VLBW INFANTS (ID252)
G.Stichtenoth; C.Härtel; E. Herting; W. Göpel; GNN Network, *Lübeck, Germany*

14:00 - 14:05 LACTOFERRIN (LF) SERVES AS AN ADJUVANT IN INFLUENZA VACCINATION OF IMMATURE MICE (ID461)
M. P. Sherman; C. J. Pritzl; B. Hahm, *Columbia, USA*

14:05 - 14:10 URINARY N-TERMINAL PRO-B TYPE NATRIURETIC PEPTIDE PREDICTS MODERATE OR SEVERE BRONCHOPULMONARY DYSPLASIA IN PRETERM INFANTS (ID189)
C. Czernik; S. Hartenstein; B. Metze; C. Bührer, *Berlin, Germany*

14:10 - 14:15 LOCAL INFLAMMATORY REACTIONS AND DEVELOPMENT OF BRONCHOPULMONARY DYSPLASIA IN VERY PRETERM INFANTS WHO REQUIRED MECHANICAL VENTILATION SHORTLY AFTER BIRTH (ID423)
O. Borysiuk; D. Dobryanskyy; Y. Kuzminov, *Lviv, Ukraine*

14:15 - 14:20 ANIMAL MODEL FOR THE BETTER UNDERSTANDING OF BRONCHOPULMONARY DYSPLASIA (ID151)
M. Tolnai; Zs.Helyes; T. Ertl; P.Kiss, *Pecs, Hungary*

14:20 - 14:25 SHEDDING LIGHT ON PRETERM IMMUNITY (ID301)
J. C. Lao; F. Beker; K. König; E. Noble; G. Walsh; A. Malhotra; K. Tan; G. Woodhead; C. A. Nold-Petry; M. F. Nold, *Melbourne, Australia*

14:25 - 14:30 VEGF BLOOD LEVELS IN PRETERM NEWBORNS WITH AND WITHOUT RDS (ID081)
R.S. Procianoy; C.R. Hentges; R.C. Silveira, *Porto Alegre, Brazil*

14:30 - 14:35 URINE NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN AS A MARKER OF BRONCHOPULMONARY DYSPLASIA AND RETINOPATHY OF PREMATURITY IN PRETERM NEONATES (ID787)
H. Ergin; T. Atilgan; M. Dogan; O.M.A. Ozdemir; C. Yenisey, *Denizli, Turkey*

14:35 - 14:40 10 YEAR OUTCOMES OF CONGENITAL DIAPHRAGMATIC HERNIA IN A TERTIARY NEONATAL UNIT (ID546)
D.Fouad; S. Mulla; D. Sava; M. Kulkarni; R. Roy, *Norwich, UK*

14:40 - 14:45 OUTCOMES OF INFANTS RECEIVING PALIVIZUMAB PROPHYLAXIS FOR RSV IN CANADA AND ITALY: AN INTERNATIONAL, PROSPECTIVE, COHORT STUDY (ID344)
P. Manzoni; B. Paes; K. L. Lanctôt;, A. Dall'Agnola; I.Mitchell; S. Calabrese; M.Maule; E. Girardi; T. Harimoto; A. Li, *Turin, Italy*

14:45 - 14:50 OBSERVATIONAL STUDY IN PREMATURE INFANTS EVALUATING THE ROLE OF UREAPLASMA UREALYTICUM ON CHRONIC LUNG DISEASE (ID436)
A. Olariu; H. Gowda, *Luton, UK*

14:50 - 14:55 COMORBID RISK FACTORS OF PERSISTENT PULMONARY HYPERENSION OF THE NEWBORN IN INFANTS WITH MECONIUM ASPIRATION SYNDROME (ID782)
E.C. Lee; M.G. Choi; G.H. Shim; Y.H. Song; M.J. Chey, *Seoul, Korea*

14:55 - 15:00 THE ANTIOXIDANT DEFENSE OF PRETERM NEWBORNS WITH RESPIRATORY DISTRESS (ID858)
M. Matyas; L. Blaga; G. Zaharie, *Romania*

15:30-16:30 **ESN/ESPR/UENPS LOUNGE**

PULMUNOLOGY SECTION BUSINESS MEETING

15:00 - 17:00 **PLENARY HALL**

PARALLEL SESSION: EPIDEMIOLOGY TRACK III

Chairpersons: T. Brink Henriksen, *Aarhus, Denmark;* **N.B. Matthiesen**, *Aarhus, Denmark*

15:00 - 15:30 RECENT DEVELOPMENTS ON CAUSALITY IN PEDIATRIC RESEARCH
N.B Matthiesen, *Aarhus, Denmark;* C.C. Bach, *Aarhus, Denmark*

15:30 - 15:45 INCIDENCE OF ACUTE KIDNEY INJURY IN PREMATURE INFANTS ACCORDING TO AKIN CRITERIA (ID604)
F.S. Cardona; T.M. Ehringer; S. Dufek; L. Unterasinger; D. Csaicsich; C. Aufricht, *Vienna, Austria*

15:45 - 16:00 HYPOTHERMIA AND RESPIRATORY DISTRESS SYNDROME IN PREMATURE INFANTS (ID733)
C.F. Jensen; F. Ebbesen; J.P Petersen; A.S. Sørensen; C.C. Bach; T.B. Henriksen, *Aarhus, Denmark*

16:00 - 16:15 HEALTH-RELATED QUALITY OF LIFE IN VERY PRETERM CHILDREN ASSESSED AT SCHOOL AGE: COMPARISON BETWEEN THE CHILDREN'S AND PARENTS' REPORTS (ID734)
M. Cuttini; I. Croci; L. Herich; M. Carrozzi; V. Chiandotto; S. Vicari; M. Raponi, *Rome, Italy*

16:15 - 16:30 PERFLUOROALKYL ACID EXPOSURE AND INFANTILE COLIC: A STUDY IN THE DANISH NATIONAL BIRTH COHORT (ID490)
C.C. Bach; I. Milidou; B.H. Bech; E.A. Nohr; C. Søndergaard; J. Olsen; T.B. Henriksen, *Aarhus, Denmark*

16:30 - 16:45 GUIDELINES FOR NEONATAL SURGERY IN ITALY: WORK IN PROGRESS (ID732)
I. Bernardini; M. Chiavarini; S. Tesoro; L. Marchesini; D. Bologni; W. Orlandi; M. Pioppo, *Perugia, Italy*

16:45 - 17:00 NORMAL REFERENCE VALUES FOR UMBILICAL CORD ARTERIAL PH IN PRETERM AND TERM INFANTS (ID450)
B. Skiöld; O. Stephansson; S. Johansson, *Stockholm, Sweden*

15:00 - 17:00 **HALL 1**

PARALLEL SESSION: NICU DESIGN

Chairpersons: D. Haumont, *Brussels, Belgium;* **B. Hallberg**, *Stockholm, Sweden*

15:00 - 15:30 KEYNOTE LECTURE: GUIDELINES FOR NICU DESIGN
R. White, *South Bend, USA*

15:30 à 16:00 EXPERIENCES FROM IMPLEMENTING A FAMILY-CENTRED PRIVATE ROOM NICU
T. Mohns, *Veldhoven, The Netherlands*

16:00 - 16:30 REBUILDING THE UNIT: CHALLENGES AND OPPORTUNITIES
B. Hallberg, *Stockholm, Sweden*; S. Hegestam, *Stockholm, Sweden*

16:30 - 17:00 PARENTS AND HYGIENE - A CONTRADICTION
O. Helder, *Rotterdam, The Netherlands*

15:00 - 17:00 **HALL 2**

PARALLEL SESSION: PRETERM-RELATED DISEASES & INFLAMMATION

Chairpersons: O. Damman, *Boston, USA;* **N. Robertson**, *London, UK*

15:00 - 15:30 DEVELOPMENTAL REGULATION OF INFLAMMATION IN THE PRETERM GUT. IMPLICATIONS FOR NEONATAL NECROTIZING ENTEROCOLITIS

B. Kramer, *Maastricht, The Netherlands*

15:30 - 16:00 PULMONARY INFLAMMATION IN BPD - IMPLICATIONS FOR A MULTIMODAL CONCEPT OF PREVENTION AND THERAPY

O. Claris, *Lyone, France*

16:00 - 16:15 INHALED NITRIC OXIDE DECREASES MORTALITY IN INFANTS LESS THAN 28 WEEKS GESTATION FOLLOWING PRETERM PRELABOUR RUPTURE OF MEMBRANES (ID845)

S. Pal; G.J. Belteki; G. Vass; T. Ibrahim; P. Clarke; Z. Molnar; Y. Singh; A.E. Curley, *Cambridge, UK*

16:15 - 16:30 CORD BLOOD PENTRAXIN-3 LEVELS IN RESPIRATORY DISORDERS OF THE NEWBORN (ID197)

M.O. Arslanoglu; E.C. Dinleyici; N. Tekin; T. Barsan Kaya; O. Aydemir; M.A. Aksit, *Eskisehir, Turkey*

16:30 - 16:45 ULTRAVIOLET-C IRRADIATION OF DONOR HUMAN MILK IMPROVES GROWTH, INTESTINAL FUNCTION AND SYSTEMIC IMMUNITY IN PRETERM PIGS (ID799)

Y. Li; D.N. Nguyen; M. de Waard; A.M. Bojesen; T. Thymann; S.B. Bering; P.T. Sangild, *Copenhagen, Denmark*

16:45 - 17:00 TRANSCRIPTOMICS PROFILING OF HUMAN NECROTIZING ENTEROCOLITIS (ID108)

E. Tremblay; M.P. Thibault; E. Ferretti; C. Babakissa; V. Bertelle; M. Bettolli; K. Burghardt; J.F. Colombani; D. Grynspan; E. Levy; S. Mayer; D. Ménard; O. Mouterde; I.B. Renes; E.G. Seidman; J.F. Beaulieu, *Sherbrooke, Canada*

15:00 - 17:00 **HALL 3**

PARALLEL SESSION: METABOLISM AND NUTRITION TRACK IV

Chairpersons: M. Domellöf, *Umea, Sweden;* **A. Lapillonne**, *Paris, France*

15:00 - 15:30 PRETERM METABOLIC PHENOTYPE
R.K. Pejaver, *Bangalore, India*

15:30 - 16:00 NUTRITIONAL VALUE OF PROTEIN-HYDROLYSED FORMULAE
C. Agostoni, *Milan, Italy*

16:00 - 16:15 GROWTH AND DEVELOPMENT OF PIGLETS FED INFANT FORMULAS VARYING IN PROTEIN QUANTITY AND QUALITY (ID687)
P.S. Worsøe; J.B. van Goudoever; B. Koletzko; E.M. van der Beek; M. Abrahamse-Berkeveld; B.J.M. van de Heijning; P.T. Sangild; T. Thymann, *Copenhagen, Denmark*

16:15 - 16:30 INITIATION OF ENTERAL FEEDING DIET-DEPENDENTLY AFFECTS INTESTINAL DNA METHYLATION IN PRETERM PIGS (ID680)
X. Pan; F. Gao;T. Thymann; P. Sangild, *Copenhagen, Denmark*

16:30 - 16:45 A SYNBIOTIC MIXTURE OF SCGOS/LSCFOS AND BIFIDOBACTERIUM BREVE M-16V IS ABLE TO RESTORE THE DELAYED COLONIZATION OF BIFIDOBACTERIA IN C-SECTION DELIVERED INFANTS (ID381)
M.C. Chua; C. Chew; A. Goh; W.C. Chiang; R. Rao; C. Lay; K. Ben-Amor; S. Chaithongwongwatthana; N. Khemapech; K. Knol; V. Chongsrisawat, *Utrecht, the Netherlands*

16:45 - 17:00 UNDERSTANDING THE AVAILABLE DATA: A COMPARISON OF OBSERVATIONAL STUDIES AND RANDOMIZED TRIALS OF SURGICAL TREATMENTS FOR NECROTIZING ENTEROCOLITIS (ID579)
A.E. van Heesewijk; M.L. Rush; H. Kirpalani; S.B. De Mauro, *Philadelphia, USA*

15:00 - 17:00 **HALL 4**

PARALLEL SESSION: BRAIN TRACK VI

Chairpersons: B. Hallberg, *Stockholm, Sweden;* **N. Marlow**, *London, UK*

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 REGIONAL CEREBRAL OXYGENATION AS MEASURED BY NEAR-INFRARED SPECTROSCOPY (NIRS) IS RELATED TO NEURODEVELOPMENTAL OUTCOME AT 2 YEARS OF AGE (ID544)
T. Alderliesten; I.C. van Haastert; W. Baerts; N.E. van der Aa; L.S. de Vries; C. Koopman; F.van Bel; P.M.A. Lemmers, *Utrecht, The Netherlands*

15:55 - 16:10 VALIDATION OF CEREBRAL NIRS OXIMETRY IN NEWBORN PIGLETS (ID700)
M. Rasmussen; V. Eriksen; S. Hyttel-Sorensen; G. Greisen, *Copenhagen, Denmark*

16:10 - 16:25 EEG BACKGROUND ACTIVITY AND SEIZURE BURDEN ARE ASSOCIATED WITH BRAIN INJURY ON MRI AND NEURODEVELOPMENTAL OUTCOME IN FULL-TERM INFANTS WITH HYPOXIC-ISCHAEMIC ENCEPHALOPATHY (ID472)
L. Weeke; G. Boylan; R. Pressler; B. Hallberg; F. Groenendaal; L. de Vries, *Utrecht, The Netherlands*

16:25 - 16:40 ALTERED SLEEP SPINDLE ACTIVITY MAY REFLECT IMPAIRED THALAMOCORTICAL CONNECTIVITY IN VERY PRETERM CHILDREN AND ADOLESCENTS (ID655)
F. Wehrle; B. Latal; R. O'Gorman; C. Hagmann; R. Huber, *Zurich, Switzerland*

15:00 - 17:00 **HALL 5**

PARALLEL SESSION: COMMUNICATION WITH PARENTS FOR NEONATAL PROFESSIONALS

Chairperson: 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 ANXIETY AND DEPRESSION IN MOTHERS AND FATHERS OF A VERY PRETERM BORN CHILD AFTER HOSPITAL DISCHARGE (ID186)
M. Jeukens-Visser; M. Husson; K. Koldewijn; A. Wassenaer-van Leemhuis; M. Flierman; D. Meijssen; P. van Schie, *Amsterdam, The Netherlands*

16:15 - 16:30 DEVELOPING COLLABORATION BETWEEN STAFF AND PARENTS IN THE NICU, HONVED KORHAZ, BUDAPEST HUNGARY (ID237)
Z. Boukydis; C, Nador; B. Schill; A. Lengye, *Budapest, Hungary*

16:30 -16:45 PARENT AND NURSE PERSPECTIVES ON PARENTAL PARTICIPATION AND SUPPORT IN 11 EUROPEAN NICUS (ID288)
A. Axelin; S. Raiskila; B. Westrup; B. Silnes Tandberg; L. Lehtonen; SCENE research group, *Turku, Finland*

16:45 - 17:00 MACRO- AND MICROANALYSIS OF EARLY MOTHER-PRETERM INFANT INTERACTIONS: IMPLICATIONS FOR PREVENTIVE INTERVENTION (ID374)
E. Kiepura; G. Kmita, *Warsaw, Poland*

17:30 - 18:30 **HALL 1**

ESPR BUSINESS MEETING

17:30 - 19:00 **HALL 2**

POSTER SESSION: HUNGARIAN POSTER SESSION 2

17:30 - 19:00 **PLENARY HALL**

SATELLITE SYMPOSIUM: COSENSE: CHANGING THE JAUNDICE MANAGEMENT PARADIGM - NON-INVASIVE DETECTION OF HEMOLYSIS

Chairperson: **G. Buonocore**, *Siena, Italy*

17:30 - 17:40 INTRODUCTION
G. Buonocore, *Siena, Italy*

17:40 - 18:00 JAUNDICE, HEMOLYSIS AND NEURODEVELOPMENTAL ABNORMALITIES
K. Ives, *Oxford, UK*

18:00 - 18:20 DETECTION OF HEMOLYSIS WITH COSENSE – RATIONALE AND CLINICAL EXPERIENCE
R. Christensen, *Salt Lake, USA*

18:20 - 18:40 THE STANFORD EXPERIENCE WITH COSENSE – CLINICAL USE PARADIGMS
V.K. Bhutani, *Palo Alto, USA*

18:40 - 19:00 QUESTIONS AND PANEL DISCUSSION

"industry-sponsored course" *(please see part 2 page 109)*

Sunday, September 20th, 2015

09:00 - 11:00 **PLENARY HALL**

PARALLEL SESSION: THE PREVENTION OF RH DISEASES: A GLOBAL ERADICATION PROGRAM

Chairpersons: **G. Buonocore**, *Siena, Italy*; **A. Zipursky**, *Toronto, Canada*

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
V. Bhutani, *Stanford, USA*

10:00 - 10:15 UTILITIES FOR DISABILITY IN A DEVELOPING COUNTRY: PROVIDER PERSPECTIVES (ID338)
S. Jondhale; E. Spiegel; I. Brajkovic; J. Partridge; V. Bhutani; P. Kumar, *Chandigarh, India*

10:15 - 10:30 GLOBAL PREVENTION OF RH-SENSITIZATION: AN INTERACTIVE, COMMUNITY-CENTERED SOCIAL PLATFORM (ID894)
A.R. Stark; J.Y. Hall; A. Zipursky; V.K. Bhutani, *Stanford, USA*

10:30 - 10:45 FEASIBILITY OF USING THE ELDON CARD IN THE PERIPARTUM DIAGNOSIS OF RH INCOMPATIBILITY BETWEEN MOTHERS AND THEIR NEWBORNS (ID419)
B.Q.Goka; S.A. Obed; A.B. Akwasi-Kumah; I.O. Koranteng; M.A. Nuamah; V. Beyuo; S.A. Oppong; M. Torto, *Accra, Ghana*

10:45 - 11:00 POINT-OF -CARE DETECTION OF RH NEGATIVE PREGNANT WOMEN FOR THE PREVENTION OF RH ISO - IMMUNIZATION (ID808)
K.J. Hedegaard, *Denmark*

09:00 - 11:00 **HALL 1**

PARALLEL SESSION: CHRONIC LUNG DISEASE AND LUNG INJURY

Chairpersons: K. Bohlin, *Stockholm, Sweden;* **I. Kocsis**, *Budapest, Hungary*

09:00 - 09:45 STEROID PROFILAXIS

I. Kocsis, *Budapest, Hungary*

LATE PULMONARY DETERIORATION: ANOTHER NEW FORM OF BPD

V. Carnielli, *Ancona, Italy*

09:45 - 10:00 EARLY LOW-DOSE HYDROCORTISONE IMPROVES SURVIVAL WITHOUT BRONCHOPULMONARY DYSPLASIA IN EXTREMELY PRETERM INFANTS: A RANDOMISED, DOUBLE-BLIND, PLACEBO-CONTROLLED, MULTICENTER TRIAL (ID350)

O. Baud; C. Alberti; for the PREMILOC study group *Paris, France*

10:00 - 10:15 PLASMA PRO-ENDOTHELIN-1 AND PRO-ATRIAL NATRIURETIC PEPTIDE AS EARLY BIOMARKERS FOR DEVELOPMENT OF BRONCHOPULMONARY DYSPLASIA IN VERY PRETERM INFANTS (ID694)

R. Gerull; R. Neumann; M. Nelle; S. Schulzke; S. Wellmann, *Berne, Switzerland*

10:15 - 10:30 REGULATION OF AUTOTAXIN AND LYSOPHOSPHATIDIC ACID RECEPTORS 1 AND 3 IN THE DEVELOPING RAT LUNG (ID780)

G.H. Shim; H.-S. Kim; E.S. Kim; K.-Y. Lee; E.-K. Kim; J.-H. Choi, *Seoul, Korea*

10:30 - 11:00 TIMELY IN-HOSPITAL VACCINATION OF VLBW INFANTS REDUCES THE RATE OF BRONCHITIS AFTER DISCHARGE OF VLBW INFANTS (ID252)

G. Stichtenoth; C. Härtel; E. Herting; W. Göpel; GNN Network, *Lübeck, Germany*

09:00 - 11:00 **HALL 3**

PARALLEL SESSION: PHARMACOLOGY TRACK III

Chairpersons: **Z. Wei**, *Jinan, China*; **K. Allegaert**, *Leuven, Belgium*

09:00 - 09:30 PK MODELLING

Z. Wei, *Jinan, China*

09:30 - 10:00 PK/PD AND DEEP TISSUES ISSUES

J. van de Anker, *Washington, USA*

10:00 - 10:15 PHARMACOKINETICS OF ANTENATAL MAGNESIUM SULFATE IN PRETERM INFANTS FOR NEUROPROTECTION (ID677)

N. Merchant; A. Hawaa; A.D. Edwards; E. Mulder; J. Derks; K. Keunen; C. Sol; H. Hagberg; M. Benders, *London, UK*

10:15 - 10:30 LOW CONCENTRATION PENTOXIFYLLINE ALONE OR COMBINED WITH DEXAMETHASONE OR AZITHROMYCIN INHIBITS TLR-MEDIATED INFLAMMATORY CYTOKINE PRODUCTION IN HUMAN NEONATES AND ADULTS (ID672)

E. Speer; D. Dowling; L. Ozog; A. Chander; J. Xu; J. Yang; O. Levy Stony, *Brook, USA*

10:30 - 10:45 DETERMINATION OF OPTIMAL DOSING OF RECOMBINANT HUMAN IGF-1/IGFBP-3 TO ESTABLISH AND MAINTAIN PHYSIOLOGICAL INTRAUTERINE SERUM IGF-1 LEVELS IN PRETERM INFANTS (ID239)

B. Hallberg; I. Hansen-Pupp; J.-K. Chung; J. Sharma; G. Fetterly; M. Mascelli; N. Kreher; N. Barton; A. Hellström; D. Ley, *Stockholm, Sweden*

10:45 - 11:00 RISK ASSESSMENT BASED ON AN EXPERIMENTAL MODEL TO EVALUATE COMPATIBILITY OF RECOMBINANT IGF-1/IGFBP-3 WITH INTRAVENOUS MEDICATIONS COMMONLY ADMINISTERED IN THE NEONATAL ENVIRONMENT (ID268)

M. Turner; A. Bandekar; N. Barton; T. Hsiao; E. Jochim; J. Knaack; N. Kreher; B. Mangum; C. McPherson; S. Tenjarla; N. Salamat-Miller, *Liverpool, UK*

09:00 - 11:00 **HALL 4**

PARALLEL SESSION: BRAIN TRACK VII

Chairpersons: **S. Counsell**, *London, UK;* **S. Hirsch**, *Berlin, Germany*

09:00 - 09:30 NEW IMAGING TECHNIQUES - ULTRAFAST DOPPLER
M. Tanter, *Paris, France*

09:30 - 10:00 CONNECTIVITY IN THE PRETERM BABY
M. Benders, *Utrecht, The Nederlands*

10:00 - 10:15 A 3D MAP OF ISCHEMIC STROKE FREQUENCY IN THE NEONATAL BRAIN (ID717)
C. Stephan-Otto; G. Arca-Diaz; A. Garcia-Alix, *Barcellona, Spain*

10:15 - 10:30 CORPUS CALLOSUM-FASTIGIUM LENGTH; A NEW SONOGRAPHIC MARKER FOR PRETERM BRAIN GROWTH (ID390)
J.A. Roelants; I.V. Koning; M.M.A. Raets; S.P. Willemsen; I.K.M. Reiss; M.J. Vermeulen; P. Govaerts; J. Dudink, *Rotterdam, The Netherlands*

10:30 - 10:45 LATE PRETERM CHILDREN SHOW AN ALTERED DEVELOPMENTAL TRAJECTORY FOR CORTICAL THICKNESS (ID007)
J.E. Brumbaugh; E. Axelson; A. Conrad; P. Nopoulos, *Iowa City, USA*

11:30 - 13:00 **PLENARY HALL**

PLENARY SESSION: CLOSING SESSION

Chairpersons: **P. Huppi**, *Genève, Switzerland;* **M. Weindling**, *Liverpool, UK*

11:30 - 12:00 ETHICAL CHALLENGES FOR THE FUTURE
M. Cuttini, *Rome, Italy*

12:00 - 12:30 WHO MILLENIUM
B. Daelmans, *Geneva, Switzerland*

12:30 - 13:00 **Closing Words**

Tuesday, September 15th, 2015

SPONSORED SESSIONS

08:30 - 17:00 **HALL 1**

PRE CONGRESS COURSE: ESN COURSE 1: LUNG

08:30 - 08:45 WELCOME

08:45 - 09:15 THE PHYSIOLOGY OF BREATHING
S. Hooper, *Monash, Australia*

09:15 - 09:45 NEONATAL RESPIRATORY FAILURE: A PATHOPHYSIOLOGICAL APPROACH TO RESPIRATORY MANAGEMENT
O. Danhaive, *San Francisco, USA*

09:45 - 10:15 SURFACTANT: FROM BIOLOGY TO CLINICAL INDICATIONS
D. de Luca, *Paris, France*

10:15 - 10:45 **Coffee**

10:45 - 12:15 **WORKSHOPS** 2 x 45 min

SKILLS STATION 1 - DR VENTILATION AND RESPIRATORY FUNCTION MONITORING
A. te Pas, *Leids, The Netherlands*; C.C. Roehr, *Oxford, UK*

SKILLS STATION 2 - CONVENTIONAL MECHANICAL VENTILATION IN PRACTICE
R. Hentschel, *Freiburg, Germany*

12:15 - 13:15 **Lunch**

13:15 - 14:45 **WORKSHOPS** 2 x 45 min

SKILLS STATION 3 - ULTRASOUND OF THE LUNG IN PRACTICE
L. Cattarossi, *Udine, Italy*; F. Raimondi, *Naples, Italy*

SKILLS STATION 4 - SURFACTANT ADMINISTRATION – MIST, LISA OR INSURE?
K. Bohlin, *Stockholm, Sweden*; D. de Luca, *Paris, France*

14:45 - 15:15 **Coffee**

15:15 - 15:45 HIGH FREQUENCY OSCILLATORY VENTILATION – WHAT, WHEN AND HOW
A. Flemmer, *Munich, Germany*

15:45 - 16:15 NON-INVASIVE VENTILATION MODES: WHAT'S NEW AND WHAT DO WE KNOW?
K. Bohlin, *Stockholm, Sweden*

16:15 - 16:45 PULMONARY CIRCULATION MANAGEMENT IN NEONATAL RESPIRATORY FAILURE
O. Danhaive

16:45 - 17:00 EVALUATION AND SUMMARY

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Tuesday, September 15th, 2015

SPONSORED SESSIONS

08:30 - 17:00 **HALL 3**

PRE CONGRESS COURSE: MAKING IT MEANINGFUL - DRIVING EFFECTIVE COMMUNICATION BETWEEN PREEMIE PARENTS AND HEALTH CARE PROFESSIONALS

9.00 - 9.30 WELCOME - INTRODUCTION AND OBJECTIVES

Dr Tibor Ertl, Chair, **Nicole Thiele** Vice Chair of the Executive Board, EFCNI and **Carole Kenner**, Chief Executive Officer of COINN

9:30 - 10:30 THE PREEMIE PARENT JOURNEY AND THE PARENT BURDEN STUDY. INSIGHTS FROM GLOBAL PARENT RESEARCH AND KEY FINDINGS FROM RELEVANT HEALTH ECONOMICS AND OUTCOMES RESEARCH

Donna Gray, Director of Global Patient Adherence, **AbbVie** and **Barry Rodgers-Gray**, Strategen

10:30 - 11:15 A PREEMIE PARENT'S STORY - INSIGHT IN TO THE EXPERIENCE OF BEING A PREEMIE PARENT AND WHAT HCPS CAN DO TO HELP MAKE THE JOURNEY EASIER FOR PARENTS

Karl Rombo

11:15 - 12:00 DISCUSSION AND Q&A

Chaired by **Dr Tibor Ertl**

12:00 - 13:00 **Lunch break**

13:00 - 15:45 BREAKOUT SESSIONS

HCP TRACK 1 (doctors)

Part 1: Understanding risk communications *(45 mins)*

Led by **John Paling**, Risk Communication Institute

Part 2: Communications training (1.5 hours)

Led by **Marsheila Devan**, Point Taken

- Barriers to effective HCP/parent communication
- How do I get my message across and make sure it is heard?
- Asking the right questions and understanding non-verbal communication
- Practical exercises

HCP TRACK 2 (nurses)

Part 1: *Led by* COINN *(45 mins)*

Led by **Carole Kenner**, Chief Executive Officer of COINN

Part 2: Communications training *(1.5 hours)*

Led by **Beth Rogers**, Point Taken

- Barriers to effective HCP/parent communication
- How do I get my message across and make sure it is heard?
- Asking the right questions and understanding non-verbal communication
- Practical exercises

PARENT TRACK: COMMUNICATIONS WORKSHOP:

Led by **Nicole Thiele** and **Dr. Iris Nikola Knierim**, EFCNI

- Identifying and discussing challenges to effective collaboration between parents and HCPs
- Supporting parent groups to steer effective dialogue
- Practical exercises to support effective communication and collaboration between parents and HCPs

15:45 - 16:45 **KEY INSIGHTS FROM BREAK-OUTS AND PLAN FOR ACTION**

Overview from the workshops and insights, pulling together key learnings and action points from the day

Led by **Dr Tibor Ertl**, Chair, **Nicole Thiele** and **Carole Kenner**

16:45 - 17:00 **CONCLUSION AND THANK YOU**

Led by **Dr Tibor Ertl**, **Carole Kenner** and **Nicole Thiele**

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Wednesday, September 16th, 2015 SPONSORED SESSIONS

08:20 - 17:15 **HALL 2**

PRE CONGRESS COURSE: ESN COURSE 2: BRAIN MRI

08:20 - 08:30 INTRODUCTION TO THE COURSE
L. Ramenghi, *Genoa, Italy*

08:30 - 9:15 FETAL MRI GUIDED ASSESSMENT OF NEONATAL IMAGING MODALITIES
A. Righini, *Milan, Italy*

NEONATAL ENCEPHALOPATHY

09:15 - 09:45 BRAIN LESIONS AND NEONATAL ASPHYXIA
L. Ramenghi, *Genoa, Italy*

09:45 - 10:15 ARTERIAL ISCHAEMIC LESIONS
J. Dudink, *Rotterdam, The Netherlands*

10:15 - 10:45 SINOVENOUS THROMBOSIS AND VENOUS STROKE
L. Ramenghi, *Genoa, Italy*

10:45 - 11:00 **Coffee break**

11:00 - 11:30 NEONATAL INFECTIONS
L. de Vries, *Utrecht, The Netherlands*

11:30 - 12:00 OBSERVING AN MRI SCAN: WHEN TO SUSPECT A GENETIC OR A METABOLIC DISEASE IN A NEONATE
D. Tortora, *Genoa, Italy*

12:00 - 12:15 SUMMARY OF THE MORNING

12:15 - 13:00 **Lunch**

THE PRETERM BRAIN

13:00 - 13:30 GMH-IVH AND WHITE MATTER DISEASE
M. Benders, *Utrecht, Nederlands*

13:30 - 14:00 ACQUIRED HAEMORRHAGIC LESIONS OF THE CEREBELLUM
L. Ramenghi, *Genoa, Italy*

14:00 - 14:30 MRI AND US AT TERM EQUIVALENT AGE; PROGNOSTIC VALUE
L. de Vries, *Utrecht, The Netherlands*

14:30 - 15:00 **Coffee break**

15:00 -15:30 INTERESTING CASES FROM THE AUDIENCE AND THE SPEAKERS

15:30 - 16:00 SCORING THE PRETERM BRAIN AT TERM EQUIVALENT AGE WITH CONVENTIONAL MRI
M. Fumagalli, *Milan, Italy*

16:00 - 16:30 FILLING THE GAP BETWEEN CONVENTIONAL MRI AND DTI APPLICATIONS AND THE MOST RECENT EVOLUTIONS
S. Counsell, *London, UK*

16:30 - 17:00 BRAIN MATURATION OF THE PRETERM BRAIN BETWEEN HUMAN AND ANIMAL MODELS: WHAT HAVE WE LEARNED?
P. Huppi, *Genève, Switzerland*

17:00 - 17:15 SUMMARY - EVALUATIONS AND NEXT STEPS

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Wednesday, September 16th, 2015 SPONSORED SESSIONS

09:00 - 17:00 **HALL 7**

PRE CONGRESS COURSE: NEAR-INFRARED SPECTROSCOPY

09:00 - 09:10 WELCOME & INTRODUCTION
E. Verhagen, *Rotterdam, The Netherlands*

09:10 - 09:50 PRINCIPLES OF NIRS: METHODOLOGY & INSTRUMENTATION
M. Wolf, *Zurich, Switzerland*

09:50 - 10:30 CEREBRAL NIRS 1: TRANSITION AT BIRTH
G. Pichler, *Graz, Austria*

10:30 - 11:00 **Coffee break**

11:00 - 11:40 CEREBRAL NIRS 2: AUTOREGULATION
F. Wong, *Monash, Australia*

11:40 - 12:20 CEREBRAL NIRS 3: LONGTERM OUTCOME
E. Verhagen, *Rotterdam, The Netherlands*

12:20 - 12:50 MULTI-SITE NIRS: RENAL/ABNOMINAL
E. Kooi, *Groningen, The Netherlands*

12:50 - 13:10 PRACTICAL DEMONSTRATION OF NIRS

13:10 - 14:00 **Lunch**

14:00 - 14:40 MULTIMODAL AND MULTICHANNEL NIRS
T. Austin, *Cambridge, UK*

14:40 - 15:20 NIRS AS A CLINICAL TOOL: THE SAFEBOOSC STUDY
S. Hyttel-Sorensen, *Copenhagen, Denmark*

15:20 - 16:00 NIRS AS A CLINICAL TOOL: PRO-CON DEBATE
W. de Boode, *Nymegen, The Netherlands*; G. Greisen, *Copenhagen, Denmark*

16:00 - 16:30 **Coffee break**

16:30 - 17:00 FUTURE DIRECTIONS: PANEL DISCUSSION

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Thursday, September 17th, 2015 SPONSORED SESSIONS

17:30 - 18:30 **PLENARY HALL**

PLENARY SESSION: BENGT ROBERTSON HONORARY

Chairpersons: **L. Zimmermann**; *Maastricht, The Netherlands,* **K. Bohlin**, *Stockholm, Sweden*

17.30 - 18.00 BENGT ROBERTSON AWARD
M. Hallman, *San Francisco, USA*

18.00 - 18.30 LUNG ULTRASOUND AS A PREDICTOR OF MECHANICAL VENTILATION IN NEONATES OLDER THAN 32 WEEKS (ID399)
J. Rodríguez-Fanjul; C. Balcells; V. Aldecoa-Bilbao; J. Moreno; M. Iriondo, *Barcellona, Spain*

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Thursday, September 17th, 2015 SPONSORED SESSIONS

18:30 - 20:00 **PLENARY HALL**

SATELLITE SYMPOSIUM: TO THE NICU AND BEYOND

Chairpersons: **L. Zimmermann**, *Maastricht, The Netherlands*

18:30 - 19:00 BPD - IS THERE A RIPPLE EFFECT?
J. Hascoet, *France*

19:00 - 19:30 SURFACTANT DOSE - ANOTHER PERSPECTIVE
D. de Luca, *Paris, France*

19:30- 20:00 THE LATE PRETERMS: ARE THEY ON OUR RADAR?
E. Boyle, *UK*

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Friday, September 18th, 2015 — SPONSORED SESSIONS

18:00 - 19:30 — **PLENARY HALL**

SATELLITE SYMPOSIUM: APPROPRIATE GROWTH IN INFANCY - IS IT SIMPLE TO ACHIEVE?

Chairpersons: **F. Haschke**,

18:00 - 18:30 PROTEIN REQUIREMENTS IN TERM INFANTS – QUANTITY AND QUALITY
F. Haschke

18:30 - 19:00 PROTEIN NEEDS AND NUTRITIONAL STATUS IN PRETERM INFANTS
N. Embleton, *Newcastle, UK*

19:00 - 19:30 HUMAN MILK FORTIFICATION IN PRETERM INFANTS
T. Senterre

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Saturday, September 19th, 2015 — SPONSORED SESSIONS

09:00 - 11:00 — **HALL 1**

PULMONARY SYMPOSIUM: RESPIRATORY SUPPORT

Chairpersons: **A. Flemmer**, *Munich, Germany;* **C.C. Roehr**, *Oxford, UK*

09:00 - 09:25 NON INVASIVE HFOV
D. de Luca, *Paris, France*

09:25 - 09:50 NON INVASIVE VENTILATION
C. Moretti, *Rome, Italy*

09:50 - 10:15 VOLUME GUARANTEE (VG) VENTILATION
M. Sánchez-Luna, *Madrid, Spain*

10:15 - 10:30 VOLUME GUARANTEE ON HIGH FREQUENCY OSCILLATORY VENTILATION IN PRTERM INFANTS: IS IT NEW LUNG PROTECTIVE STRATEGY? (ID306)
B. Iscan; N. Duman; F. Tuzun; A. Kumral; H. Ozkan, *Izmir, Turkey*

10:30 - 10:45 EXTUBATE: A RANDOMISED CONTROLLED TRIAL OF NASAL BIPHASIC POSITIVE AIRWAY PRESSURE VS. NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE FOLLOWING EXTUBATION IN INFANTS LESS THAN 30 WEEKS' GESTATION (ID039)
S. Victor; S.A. Roberts; S.J. Mitchell; on behalf of Extubate Trial Group, *Manchester, UK*

10:45 - 11:00 INTERVENTIONS TO IMPROVE RATES OF EXTUBATION SUCCESS IN PRETERM INFANTS: A SYSTEMATIC REVIEW OF THE EVIDENCE (ID163)
K. Ferguson; C. Roberts; B. Manley; P. Davis, *Melbourne, Australia*

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Saturday, September 19th, 2015 SPONSORED SESSIONS

12:30 - 13:30 **HALL 4**

LUNCHEON SYMPOSIUM

12:30 - 13:15 MEASURING TISSUE OXYGENATION WITH CEREBRAL/SOMATIC OXIMETRY- INVOS ON NEONATAL PATIENTS IN NICU
B. Urlesberger, *Graz, Austria*

13:15 - 13:30 QUESTIONS AND ANSWERS

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Saturday, September 19th, 2015 SPONSORED SESSIONS

17:30 - 19:00 **PLENARY HALL**

SATELLITE SYMPOSIUM: COSENSE ETCO MONITOR: CHANGING THE JAUNDICE MANAGEMENT PARADIGM - NON-INVASIVE DETECTION OF HEMOLYSIS

Chairperson: G. Buonocore, *Siena, Italy*

17:30 - 17:40 INTRODUCTION
G. Buonocore, *Siena, Italy*

17:40 - 18:00 JAUNDICE, HEMOLYSIS AND NEURODEVELOPMENTAL ABNORMALITIES
K. Ives, *Oxford, UK*

18:00 - 18:20 DETECTION OF HEMOLYSIS WITH COSENSE – RATIONALE AND CLINICAL EXPERIENCE
R. Christensen, *Salt Lake, USA*

18:20 - 18:40 THE STANFORD EXPERIENCE WITH COSENSE – CLINICAL USE PARADIGMS
V.K. Bhutani, *Palo Alto, USA*

18:40 - 19:00 QUESTIONS AND PANEL DISCUSSION

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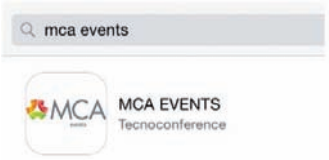

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ORGANIZING SECRETARIAT REGISTRATION DESK OPENING HOURS
The registration desk on site, will be located at the entrance of the Exhibition area.

- September 15th 07:00 - 09:00 Pre-Congress Courses registration *(Hall F)*
- September 16th 07:00 - 10:00 Pre-Congress Courses registration *(Official registration desk - Hall G)*
- September 16th 11:00 - 22:00 Official registration
- September 17th 08:00 - 20:00 Official registration
- September 18th 08:00 - 19:30 Official registration
- September 19th 08:00 - 19:00 Official registration
- September 20th 08:30 - 14:30 Official registration

PRE CONGRESS COURSES:

- ESN COURSE 1: LUNG
- NURSES
- MAKING IT MEANINGFUL - DRIVING EFFECTIVE COMMUNICATION BETWEEN PREEMIE PARENTS AND PROFESSIONAL
- STRUCTURING PRESENTATION AND POSTERS
- ESN COURSE 1: LUNG & ESN COURSE 2: BRAIN MRI
- HAEMATOLOGICAL PROBLEMS IN NEONATAL PERIOD
- NEONATAL TRANSPORTATION
- ESN COURSE 2: BRAIN MRI
- NUTRITION FOR THE PRETERM & BREASTFEEDING
- NEONATAL INFECTIONS
- FAMILY-CENTRED CARE
- COHORT STUDIES
- NEAR-INFRARED SPECTROSCOPY

USEFUL INFORMATION:
Would you like to print your Boarding pass? If so please send an email to the address: printings@jens2015.eu
You can collect your boarding pass at the registration desk "New Registrations" from September 17th

Would you like to check your emails? If so you will be able to use an IPad at the registration desk "Internet area" from September 17th

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[1] de-Wahl Granelli A et al. BMJ. 2009 Jan 8;338. [2] Ewer A et al. Health Technol Assess. 2012;16(2):1-184 [3] Castillo A et al. Acta Paediatr. 2011 Feb;100(2):188-92. [4] Baquero H et al. Acta Paediatr. 2011 Apr;100(4):515-8. [5] Shah N et al. J Clin Anesth. 2012 Aug;24(5):385-91.

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