



Friday, 26th May 2017

08:30 – 08:40 **WELCOME ADDRESS**
Eleanor Molloy (Dublin, Ireland)

Chairpersons: *Tore Curstedt & Henry Halliday*

08:40 – 08:50 **INTRODUCTION**
Tore Curstedt (Stockholm, Sweden)

08:50 – 09:20 **9th BENGT ROBERTSON MEMORIAL LECTURE**
Dominique Haumont (Bruxelles, Belgium)

09:20 – 9:35 Discussion

Chairpersons: *Nikki Robertson & Luca Ramenghi*

Invited Lecture

09:35 – 10:05 **THE IMPORTANCE OF NEONATAL SEIZURES**
Geraldine Boylan (Cork, Ireland)

10:05 – 10:20 Discussion

10:20 – 10:50 **Coffee Break**

Chairpersons: *Mikko Hallman & Jan Johanssen*

Invited Lecture

10:50 – 11:20 **OVERVIEW OF LUNG DEVELOPMENT**
David Warburton (Los Angeles, USA)

11:20 – 11:35 Discussion

Oral Presentations

11.35 – 11.50 Commensal or true pathogen? Ureaplasma species induce and differentially modulate immune responses in human monocytes
Kirsten Glaser (Germany)

11.50 – 12.05 IGF1 signaling & downstream targets are required for alveolar formation
Parviz Minoos (United States)

12.05 – 12.20 Exploring the mRNA transcriptome of bronchopulmonary dysplasia
Cecilie Revhaug (Norway)



12.20 – 12.35 Effects of maternal folic acid supplementation on airway remodelling and allergic airway disease risk
Funda Tuzun (Turkey)

12:35 – 14.00 **Lunch and Poster Viewing**

13.30 – 14.00 **Abstracts Presentations 1**

Chairpersons: *David Sweet & Virgilio Carnielli*

Abstract 1

Abstract 2

Abstract 3

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Chairpersons: *Afif El-Khuffash & Samir Gupta*

Invited Lectures

14.00-14.30 **WHAT SHOULD WE DO ABOUT BLOOD PRESSURE IN PRETERM INFANTS?**
Gene Dempsey (Cork, Ireland)

14.30-14.45 Discussion

Oral Presentations

14.45-15.00 Intravenous paracetamol effects on closure of ductus arteriosus in extremely preterm infants
Outi Aikio (Finland)

15.00-15.15 Inhaled Nitric Oxide (iNO) as an adjunct gas to Neonatal Resuscitation in Premature Infants: A Pilot double blind randomized controlled safety trial.
Kris Sekar (United States)

15.15-15.30 Oxygen load influences DNA methylation in preterm infants upon delivery room stabilization.
Maximo Vento (Spain)

15.30-16.00 **Coffee Break**



Chairpersons: *Jatinder Jit Singh Bhatia & Rangasamy Ramanathan*

Invited Lecture

16.00-16.30 **TECHNICAL ADVANCES IN SURFACTANT RESEARCH**
Boris Kramer (Maastricht, The Netherlands)

16.30-16.45 Discussion

Oral Presentations

16.45-17.00 Analyses of synthetic surfactant protein B analogues
Jan Johansson (Sweden)

17.00-17.15 The effect of surfactant/polymyxin B in double-hit model of neonatal lung injury
Andrea Calkovska (Slovakia)

17.15-17.30 Less invasive surfactant administration (LISA) – long term pulmonary function data
Egbert Herting (Germany)



Saturday, 27th May 2017

Chairpersons: *Eric Shinwell & Maximo Vento*

Invited Lecture

08:15 – 08:45 **UPDATE ON POSTNATAL STEROIDS**
Henry Halliday (Belfast, United Kingdom)

08:45 – 09:00 Discussion

Oral Presentations

09:00 – 09:15 Caffeine reduces glucocorticoid-induced expression of CTGF in lung epithelial cells and fibroblasts
Markus Fehrholz (Germany)

09:15 – 09:30 Notch signaling in lung innate immunity cells of extremely premature infants: implications for pathogenesis of BPD
Parviz Minoos (United States)

Chairpersons: *Dominique Haumont & Naomi McCallion*

Invited Lecture

09:30-10.00 **UPDATE ON PATHOGENESIS AND MANAGEMENT OF NEC**
Simon Eaton (London, United Kingdom)

10:00-10.15 Discussion

10:15 – 10.45 **Coffee Break**

Chairpersons: *Ola Saugstad & Eleanor Molloy*

Invited Lecture

10.45-11.15 **WHERE NEXT FOR BRAIN PROTECTION?**
Nicola J. Robertson (London, United Kingdom)

11.15-11.30 Discussion



Oral Presentations

- 11.30-11.45 Plasma Metabolite Score Correlates with Hypoxia Time in a Newly Born Piglet Model for Asphyxia.
Maximo Vento (Spain)
- 11.45-12.00 Docosahexaenoic acid (DHA) augments therapeutic hypothermia in a newborn hypoxia-ischemia model A proton-magnetic-resonance-spectroscopy (H±-MRS) study in piglets
Marianne U. Huun (Norway)
- 12.00-12.15 Polymorphisms in endothelial nitric oxide synthase in persistent pulmonary hypertension of the newborn
Lemus-Varela ML (Mexico)

Chairpersons: *Bo Sun & John Kelleher*

Invited Lecture

- 12:15 – 12:45 **HOW TO SAVE 1 MILLION LIVES A YEAR IN LOW AND MIDDLE INCOME COUNTRIES**
Wally Carlo (Birmingham, USA)
- 12:45 – 13:00 Discussion
- 13:00 – 14:40 **Lunch and Poster Viewing**
- 13:30 – 14:30 **Abstracts Presentations 2**
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Chairpersons: *Martin White & Eren Orek*

Poster 12

Poster 13

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SPIN - UPDATES

Chairpersons: *Gene Dempsey & Egbert Herting*

- 14:30 – 15:00 **HOW SHOULD WE NOURISH THE PRETERM INFANT?**
Jatinder Bhatia (Augusta, USA)
- 15:00 – 15:30 **MODERN MANAGEMENT OF PDA**
Samir Gupta (Middlesborough, United Kingdom)
- 15:30 – 15:45 Discussion
- 15:45 – 16:00 **Coffee Break**



Chairpersons: *John Murphy & Ben Stenson*

16:00 – 16.30 **NEONATAL DRUG DEVELOPMENT: SURFACTANTS AND BEYOND**

Mark Turner (Liverpool, United Kingdom)

16.30 – 16.45 **CHARACTERIZATION OF PORACTANT ALFA AND BUDESONIDE EXTEMPORARY COMBINATION FOR SAFE AND EFFECTIVE INTRATRACHEAL ADMINISTRATION**

Fabrizio Salomone (Italy)

16.45– 17:15 **IGF-1 and ROP**

Luca Ramenghi (Genoa, Italy)

17:15 – 17:30 Discussion

17:30 **CLOSING REMARKS and INVITATION TO LÜBECK**

Eleanor Molloy (Dublin, Ireland)