EXTREMELY PRETERM BABIES. IMPROVING PERINATAL CARE

PROGRAM

Wednesday, January 16th, 2013

8:30 Registration

8:45 Welcome

Josep Maria Lailla
Hospital Sant Joan de Déu, Barcelona, Spain

Xavier Krauel
Hospital Sant Joan de Déu, Barcelona, Spain

NEW CLUES FROM EPIDEMIOLOGY TO IMPULSE RESEARCH AND CLINICAL CARE

9:00 Why is prematurity increasing in western countries? Epidemiological and etiological studies

Lluís Cabero, Hospital Vall d’Hebron, Barcelona, Spain

9:30 Trends in the neurological outcome of extremely preterm infants: prenatal and postnatal key points for improvement

Neil Marlow, University College London Hospitals NHS Foundation Trust, London, UK

10:00 Open Debate

Gorm Greisen (chair), Rigshospitalet, Copenhagen, Denmark

11:00 Coffee break

LOOK AT WHAT WE ARE DOING TO DISCERN HOW TO MOVE ON

11:30 Prenatal measures to reduce the magnitude and the impact of preterm birth. Possible adverse risks to the fetus

Eduard Gratacós, Hospital Clinic and Universitat de Barcelona, Barcelona, Spain

12:00 Learning from regional variation in the outcome of extremely preterm infants

Stellan Hakansson, University Hospital Umeå, Sweden

12:30 Open Debate

Christian P. Speer (chair), University Children’s Hospital, Würzburg, Germany

13:30 Lunch
**EXTREMELY PRETERM BABIES. IMPROVING PERINATAL CARE**

**PROGRAM**

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<tr>
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<td>SEEKING INTERVENTIONS TO REDUCE THE MORBIDITY AND MORTALITY OF EXTREMELY PRETERM BIRTH</td>
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<td>15:00</td>
<td>Optimizing fetal and obstetrical care in preterm labor</td>
<td>Gian Carlo di Renzo, Università de Perugia, Perugia, Italy</td>
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<td>15:30</td>
<td>How small is too small? The challenge of the first days in the life of the extremely preterm infant</td>
<td>Naoto Takahashi, The University of Tokyo, Tokyo, Japan</td>
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<td>16:15</td>
<td>Coffee break</td>
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<td>16:30</td>
<td>Open Debate</td>
<td>Liliana S. Voto (chair), Liliana S. Voto Foundation, Buenos Aires, Argentina</td>
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<td>Olivier Claris (chair), Centre Hospitalier Universitaire de Lyon, France</td>
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<td>17:30</td>
<td>Conclusions of the day</td>
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<td>18:00</td>
<td>Visit to CosmoCaixa</td>
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<td>19:30</td>
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PERSONALIZED MEDICINE: METABOLOMICS IN PRETERM BIRTH

8:30 Identification of patients at risk for preterm delivery
   (Speaker to be confirmed)

9:00 A new tool in the management of preterm infants
   Vassilios Fanos, A.O. Universitaria Clinica Pediatrica Macciotta, Cagliari, Italy

9:30 Open Debate
   Eduardo Bancalari (chair), University of Miami Leonard M. Miller School of Medicine, Miami, Florida, USA

10:30 Coffee break

DRUG THERAPY AND PERSONALIZED HEALTH CARE IN GESTATION AND NEONATOLOGY

11:00 Precision Medicine: differences in efficacy and adverse drug reactions in preterm infants
   Matthias Schwab, Dr. Margaret Fischer-Bosch-Institute and University Hospital, Tübingen, Germany

11:30 Translational bioinformatics: linking knowledge across biological and clinical realms
   Atul J Butte, School of Medicine, Stanford University, Stanford, USA

12:00 Open Debate
   José Luis Bartha (chair), Hospital Universitario La Paz, Madrid, Spain
   Máximo Vento, University and Polytechnic Hospital La Fe, Valencia, Spain

13:00 Lunch

THREATENED BY INTRAUTERINE AND POSTNATAL INFLAMMATION

15:30 The inflammatory process as a trigger of preterm labour
   Andrés López Bernal, University of Bristol, Bristol, UK

16:00 The cerebral white matter and connectivity of infant brain: effects of prematurity and inflammation
   Ulrika Adén, Karolinska Institutet, Stockholm, Sweden

16:30 Open Debate
   Alberto Galindo (chair), Hospital Doce de Octubre, Madrid, Spain
   Henrik Hagberg (chair), Imperial College and Queen Charlotte’s Hospital in London, UK

17:30 Closing remarks