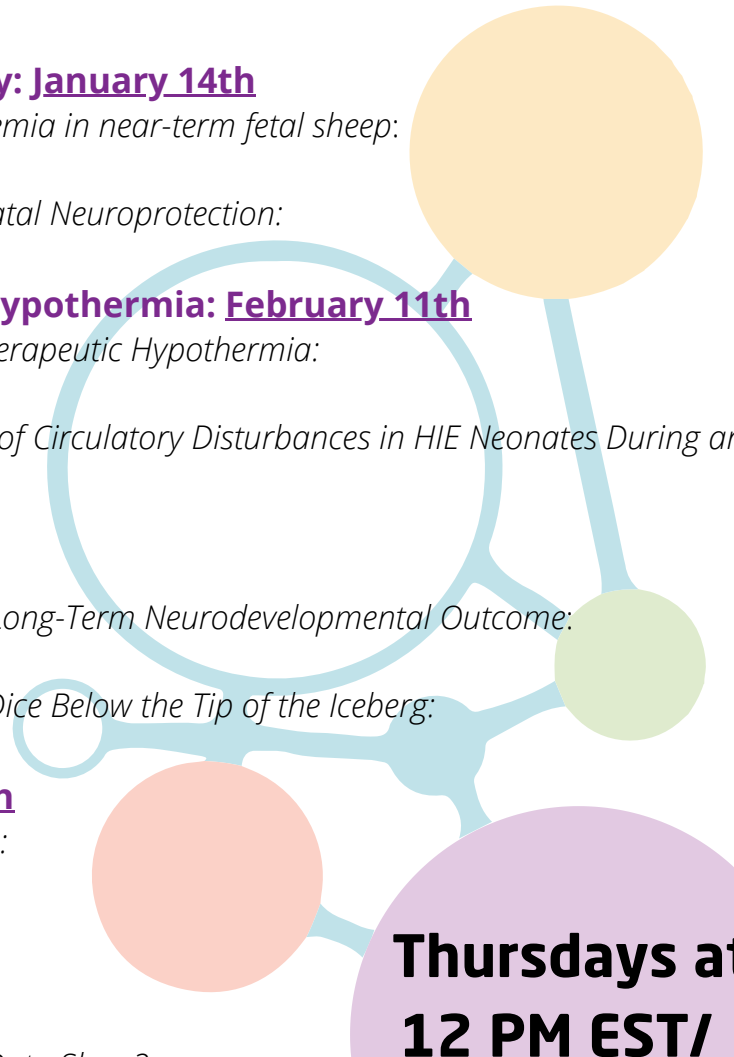


The 12th international Newborn Brain Conference Series will be jointly provided by the NBS Education Committee and the International Newborn Brain Conference Organizing Committee. More information can be found at www.newbornbrainmonitoring.com or www.newbornbrainsociety.org.

Agenda:

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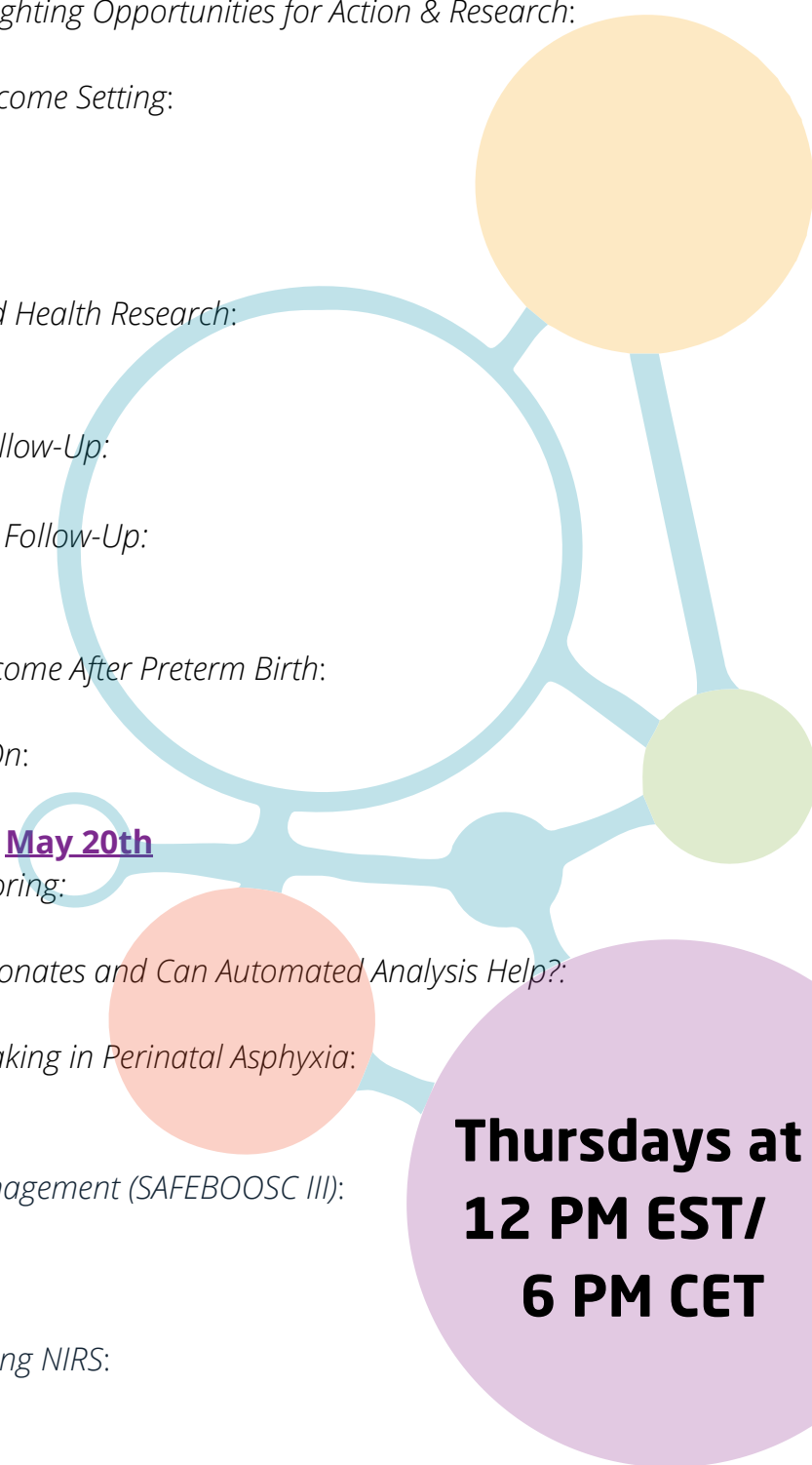
- **Pre-Clinical Models of Neonatal Brain Injury: January 14th**
 - Heart Rate Variability to Assess Hypoxia-Ischaemia in near-term fetal sheep:
Alistair Gunn, NZ
 - Azithromycin as an adjunct Therapy for Neonatal Neuroprotection:
John Barks, USA
- **Clinical Management During Therapeutic Hypothermia: February 11th**
 - Respiratory Management of Infants During Therapeutic Hypothermia:
Mohamed El-Dib, USA
 - Assessment of Hemodynamics and Treatment of Circulatory Disturbances in HIE Neonates During and After Cooling:
Afif El-Khuffash, Ireland
- **Mild HIE: March 4th**
 - Mild Hypoxic Ischaemic Encephalopathy and Long-Term Neurodevelopmental Outcome:
Brian Walsh, Ireland
 - Novel Biomarkers to Stratify HIE Spectrum: A Dice Below the Tip of the Iceberg:
Lina Chalak, USA
- **Update on Neonatal Seizures - I: March 18th**
 - Acute and Chronic Effects of Neonatal Seizures:
Robert Clancy, USA
 - Neonatal Seizure Detection:
Geraldine Boylan, Ireland
- **Update on Neonatal Seizures - II: April 1st**
 - Neonatal Seizure Management: What Do the Data Show?:
Janet Soul, USA
 - Lessons From the Neonatal Seizure Registry:
Hannah Glass, USA
- **Neuroimaging - I: April 8th**
 - Is it Time for MRS to Enter Clinical Practice?:
Sudhin Thayyil, UK
 - MRI, Growth and IGF1:
Manon Benders, Netherlands



**Thursdays at
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- **Newborn Brain Injury: The Global Perspective: April 15th**
 - o *Every Newborn's Brain: Global Burden Spotlighting Opportunities for Action & Research:*
Joy Lawn, UK
 - o *Introducing Neonatal Brain Care in a Low Income Setting:*
Cally Tann, UK
- **Parents and Neonatal Brain Care: April 22nd**
 - o *Family Centered Care in the NeuroNICU:*
Monica Lemmon, USA
 - o *Parent, Child and Public Involvement in Child Health Research:*
Eleanor Molloy, Ireland
- **Neuroimaging - II: May 6th**
 - o *MRI in the Term Neonate and Long Term Follow-Up:*
Linda de Vries, Netherlands
 - o *MRI in the Preterm Neonate and Long Term Follow-Up:*
Terrie Inder, USA
- **Outcomes: May 13th**
 - o *The Impact of Socioeconomic Status on Outcome After Preterm Birth:*
James Boardman, UK
 - o *Outcome Following Preterm Birth 25 Years On:*
Neil Marlow, UK
- **Digital Diagnostics for the Developing Brain: May 20th**
 - o *Machine Learning for Neonatal Brain Monitoring:*
Sabine van Huffel, Belgium
 - o *Sleep as a Biomarker of Brain Integrity in Neonates and Can Automated Analysis Help?:*
Renee Shelhaas, USA
 - o *Machine Learning to Aid Clinical Decision Making in Perinatal Asphyxia:*
Deirdre Murray, Ireland
- **Cerebral Autoregulation: June 3rd**
 - o *Update on NIRS Monitoring for Preterm Management (SAFEBOOSC III):*
Gorm Greisen, Denmark
 - o *Blood Pressure and the Newborn Brain:*
Eugene Dempsey, Ireland
 - o *Assessment of Cerebrovascular Reactivity Using NIRS:*
Topun Austin, UK
- **Neonatal Encephalopathy: June 10th**
 - o *The conundrum of Neonatal Encephalopathy and Hypoxic Ischemic Encephalopathy: Are We Closer to a Consensus Guideline?:*
Pierre Gressens, France
 - o *Optimization of Hypothermia for Neonatal Encephalopathy:*
Marianne Thoresen, Norway



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