

The 12th Irish Neonatal Research Symposium

Friday 19 November 2021

12.00	Welcome – Prof. Eleanor Molloy & Prof. Geraldine Boylan
12.10-13.00	SESSION 1: Chairperson: Prof. Martin White and Prof. Eugene Dempsey Original Research Session: 5 x 10 x minute presentations
12.10-12.20	Melatonin increases NLRP3 inflammasome activation and serum IL-1ra concentration in neonatal encephalopathy Tim Hurley, TCD
12.20-12.30	HAS NEONATAL RED CELL USE CHANGED IN THE PAST TEN YEARS? Carmel Moore, NMH
12.30-12.40	LONGITUDINAL ASSESSMENT OF CARDIAC FUNCTION AND PULMONARY HAEMODYNAMICS IN INFANTS WITH DOWN SYNDROME OVER THE FIRST TWO YEARS OF AGE USING NOVEL ECHOCARDIOGRAPHY TECHNIQUES Aisling Smith, Rotunda Hospital
12.40-12.50	Prediction of Hypoxic Ischaemic Encephalopathy in Infants using Predictive Modelling Techniques Carol Stephens, The Irish Centre for Maternal and Child Health Research (INFANT) Cork/UCC
12.50-13.00	Randomised Placebo-Controlled Trial of Early Targeted Treatment of Patent Ductus Arteriosus with Paracetamol in Extremely Low Birth Weight Infants (ETAPA) – Protocol Niamh Ó Catháin, CWIU/UCD
13.00-13.40	<i>GUEST LECTURE – Introduced by Prof. Geraldine Boylan, UCC</i> <i>'NeuroNICU - Hope or Hype' – Prof. Topun Austin,</i> <i>Consultant Neonatologist, Cambridge University Hospitals NHS Foundation Trust, UK</i>
13.40-13.50	SHORT BREAK
13.50	SESSION 2: Chairperson: Dr Brian Walsh, Cork University Maternity Hospital
13.50-14.20	<i>GUEST LECTURE: Introduced by Dr Brian Walsh</i> <i>Neuroimaging in the NEURONICU, Prof. Terrie Inder</i> <i>Chair, Brigham and Women's Hospital, Professor, Harvard Medical School, USA</i>
14.20-14.50	<i>GUEST LECTURE: Introduced by Dr Brian Walsh</i> <i>"Challenges in Management of Post-Hemorrhagic Ventricular Dilatation (PHVD)"</i> <i>Prof. Mohamed El-Dib</i> <i>Assistant Professor of Pediatrics, Brigham and Women's Hospital, Professor, Harvard Medical School</i>
14.50-15.05	Q&A and Discussion
15.05-15.15	SHORT BREAK
15.15	Original Research Session: Prof. John Murphy & Dr Ann Hickey
15.15-15.25	GENDER DIMORPHISM IN NEONATAL ENCEPHALOPATHY Lynne Kelly, TCD
15.25-15.35	COVID-19 INFECTION IN PREGNANCY DID NOT RESULT IN HAEMATOLOGICAL ABNORMALITIES OR HYPERCOAGULABILITY IN UMBILICAL CORD BLOOD Claire Anne Murphy, RCSI, UCD, Rotunda Hospital
15.35-15.45	CHARACTERISATION OF INNATE IMMUNITY ACROSS AGES: NEWBORN TO OLD AGE Johana Isaza-Correa, TCD

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15.45-15.50	Shortlisted Display Poster – Announced on the day
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15.55-16.00	Shortlisted Display Poster – Announced on the day
16.00-16.05	Shortlisted Display Poster – Announced on the day
16.05-16.35	GUEST LECTURE: Introduced by Prof. Geraldine Boylan <i>“Current Evidence for Continuous EEG in the NICU”, Prof. Courtney Jane Wusthoff, Associate Professor of Neurology, Stanford University/Lucile Packard Children’s Hospital</i>
16.35-17.05	GUEST LECTURE: Introduced by Prof. Eleanor Molloy <i>“Developing a NEURONICU”, Prof. Sonia Bonifacio, Clinical Professor, Pediatrics Neonatal And Developmental Medicine, Lucile Packard Children’s Hospital, Stanford</i>
17.05-17.20	Q&A and Discussion
17.20	Closing comments – Prof Eleanor Molloy

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