



13th Irish Neonatal Research Symposium
in association with the Irish Perinatal Society
Hyatt Centric Hotel, Dublin
Friday 31st March 2023

Programme

CPD Accredited – 6 CPD Credits

08:30-09:20	Arrival Tea/Coffee/Scones and Meet the Sponsors
09:20	Session 1 - Chairpersons: Prof. Eleanor Molloy/Prof. Eugene Dempsey/Dr. John Kelleher
09:20-09:30	Welcome – Prof. Eleanor Molloy/Prof. Eugene Dempsey/Dr. John Kelleher
09:30-10:00	Guest Lecture: Introduced by Dr John Kelleher <i>Congenital Diaphragmatic Hernia: the prenatal period as a window of opportunity</i> Prof. Jan Deprest, Professor in Obstetrics and Gynaecology, Research Department of Maternal Fetal Medicine, UCL Institute for Women’s Health (IWH), University College London
10:00-11:10	7 x Original Research Presentations
10:00-10:10	A RANDOMISED TRIAL OF ROUTINE OR SELECTIVE APPLICATION OF A FACE MASK FOR BREATHING SUPPORT OF PRETERM INFANTS; THE ROSA TRIAL Caitríona Ní Chathasaigh, Neonatal Unit, National Maternity Hospital, Dublin, School of Medicine, University College Dublin, Ireland
10:10-10:20	ASSESSMENT OF MYOCARDIAL FUNCTION IN INFANTS OF MOTHERS WITH GESTATIONAL DIABETES MELLITUS USING DEFORMATION IMAGING OVER THE FIRST YEAR OF AGE Dr Aisling Smith, Rotunda Hospital, Dublin
10:20-10:30	TRANSFUSING PLATELETS THROUGH LONG LINES IN NICU: IN-VITRO ASSESSMENT OF SAFETY AND FEASIBILITY Carmel Maria Moore, National Maternity Hospital, Dublin 2, University College Dublin, Belfield, Dublin 4
10:30-10:40	A RANDOMIZED TRIAL OF UMBILICAL OR PERIPHERAL CATHETER INSERTION FOR PRETERM INFANTS ON ADMISSION TO THE NICU Emma Dunne, National Maternity Hospital, Dublin
10:40-10:50	THROMBIN GENERATION IS ENHANCED IN PLATELET-RICH PLASMA IN PRETERM COMPARED TO FULL-TERM INFANTS; THE EVENT STUDY Claire A Murphy, Department of Paediatrics, Royal College of Surgeons in Ireland, Dublin Department of Neonatology, Rotunda Hospital, Dublin, Conway-SPHERE Research Group, University College Dublin, Dublin
10:50-11:00	RANDOMISED PLACEBO-CONTROLLED TRIAL OF EARLY TARGETED TREATMENT OF PATENT DUCTUS ARTERIOSUS WITH PARACETAMOL IN EXTREMELY LOW BIRTH WEIGHT INFANTS – PILOT STUDY (ETAPA PHASE 1) Niamh Ó Catháin, Department of Neonatology, Coombe Women and Infants University Hospital, Dublin, School of Medicine, University College Dublin, Dublin, Ireland
11:00-11:10	THE ACORN PROGRAMME: ESTABLISHING A NEONATAL DEVELOPMENTAL INPATIENT WARD ROUND AT THE NATIONAL MATERNITY HOSPITAL Jo Egan, Physiotherapy, Speech and Language Therapy, Dietitian, Pharmacy, Medical Social Work, Developmental Psychology at Department of Neonatology, National Maternity Hospital, Holles Street, Dublin
11:10-11:40	Tea/Coffee/Display Posters and Meet the Sponsors
11:40-12:40	Session 2 – Chairpersons: Dr Ann Hickey and Dr Adrienne Foran
11:40-12:10	Guest Lecture: Introduced by Prof. Eleanor Molloy <i>“Translational research : my journey over the past forty years”</i> Prof. Prem Puri

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12:10-12:40	<p>Introduced by: Prof. Eugene Dempsey</p> <p>What is a realistic clinical benefit when testing a new intervention to improve brain outcomes? Prof. Gorm Greisen, Professor of Paediatrics/Consultant Neonatologist Affiliated to Department of Neonatology, Juliane Marie Centre and University of Copenhagen</p>
12:40-13:45	Lunch
13:45-15:25	Session 3 - Chairpersons: Dr Afif El-Khuffash & Dr Rizwan Khan
13:45-14:55	7 x Original Research Presentations
13:45-13:55	<p>INFANT BRAIN FUNCTIONAL MRI – A NEW AWAKENING Graham King, ¹Trinity College Dublin, Dublin, Ireland, ²The Coombe Hospital, Dublin, Ireland, ³The Rotunda Hospital, Dublin, Ireland</p>
13:55-14:05	<p>NEONATAL ABSTINENCE SYNDROME: A NATIONAL SURVEY Sean Tamgumus, Department of Neonatology, Rotunda Hospital, Dublin</p>
14:05-14:15	<p>STANDARDISATION OF PRETERM PARENTERAL NUTRITION IN IRELAND Ann-Marie Brennan,¹Department of Clinical Nutrition & Dietetics, Cork University Maternity Hospital, Cork; ²INFANT Centre University College Cork, Cork</p>
14:15-14:25	<p>THE EFFECT OF ANAKINRA (IL1 RECEPTOR ANTAGONIST) ON IMMUNE DYSFUNCTION IN INFANTS WITH NEONATAL ENCEPHALOPATHY Aoife Branagan¹⁻³, ¹Discipline of Paediatrics, Trinity College, The University of Dublin, Dublin, Ireland. ²Trinity Translational Medicine Institute & Trinity Research in Childhood Centre (TRICC), Trinity College Dublin; ³ Paediatrics, Coombe Women and Infants University Hospital, Dublin</p>
14:25-14:35	<p>REVIEW OF YEAR ONE OF ACORN CLINIC: POST DISCHARGE DEVELOPMENTAL SURVEILLANCE OF VERY LOW BIRTH WEIGHT LOW GESTATIONAL AGE INFANTS Jo Egan, Physiotherapy, Speech and Language Therapy, Dietitian, Medical Social Work, Developmental Psychology at Department of Neonatology, National Maternity Hospital, Holles Street, Dublin</p>
14:35-14:45	<p>TWO HANDS ARE BETTER THAN ONE: DELIVERING POSITIVE PRESSURE VENTILATION IN A NEONATAL MANIKIN MODEL Anne L Murray, Department of Neonatology, Cork University Maternity Hospital, Cork</p>
14:45-14:55	<p>OPTIMUM CORE TEMPERATURE AND INITIATION OF ACTIVE COOLING AMONG INFANTS WHO RECEIVED THERAPEUTIC HYPOTHERMIA (TH) TREATMENT IN IRELAND Aoife Flynn, National Women and Infant Health Programme (NWIHP), Dublin, National Perinatal Epidemiology, Cork</p>
14:55-15:25	<p>Guest Lecture: Introduced by Prof. Eugene Dempsey</p> <p>‘To treat or not to treat a PDA; lessons from the BeNeDuctus Trial’ Prof. Willem P. de Boode, Professor of Neonatology, Radboudumc Amalia Children's Hospital, Netherlands</p>
15:25-15:45	Tea/Coffee/Display Posters and Meet the Sponsors
15:45-16:30	<p>The Inaugural Henry Halliday Lecture - Introduced by: Prof. Eleanor Molloy</p> <p>The relevance of oxygen and heart rate in the first five minutes after birth of extremely preterm infants Prof. Max Vento, Professor of Paediatrics, Chief of the Division of Neonatology University & Polytechnic Hospital La Fe, Director of the Neonatal Research Unit, The Health Research Institute La Fe, Valencia</p>
16:30-16:45	Awarding of Research Presentation Awards

This meeting has been kindly sponsored by:

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(All sponsors who support this meeting do so through the support of exhibition space alone and have no input into the Agenda, speaker selection or content of the meeting)

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