# The 7th Irish Neonatal Research Symposium
Friday 11 November 2016 - Davenport Hotel, Dublin 2

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.00-13.00</td>
<td>Lunch</td>
</tr>
<tr>
<td>13.00-13.15</td>
<td>Welcome – Afif El-Khuffash</td>
</tr>
<tr>
<td>13.15-14.30</td>
<td>SESSION 1: Chairs: Eleanor Molloy and Naomi McCallion</td>
</tr>
</tbody>
</table>
| 13.15-14.00 | Guest Lecture:  
*Novel Methods of Assessment of Myocardial Performance in Preterm Infants*  
*Dr Philip Levy*, Goryeb Children’s Hospital, Morristown, New Jersey & Washington University School of Medicine, St Louis, Missouri, USA |
| 14.00-14.30 | Original Research Session: 5 x 6 minute presentations               |
| 14.00-14.06 | INTRODUCTION AND CAPACITY BUILDING OF NEONATAL RESUSCITATION PROGRAM OF AMERICAN ACADEMY OF PEDIATRICS IN PAKISTAN  
*Naveed Sheikh*¹, *Shahzad RK*², *Maryke JN*³  
¹Neonatology Registrar, Children’s University Hospital, Temple Street, Dublin, Ireland  
²Managing Director, Institute of Learning Medicine, University Of Health Sciences, Lahore, Pakistan  
³Paediatric Trainee, Mersey Deanery, Liverpool, United Kingdom |
| 14.06-14.12 | BRAIN ACTIVITY IN THE FIRST TEN MINUTES OF LIFE  
¹Department of Paediatrics and Child Health, Cork University Maternity Hospital, Cork Ireland  
²Irish Centre for Fetal and Neonatal Translational Research (INFANT), University College Cork |
| 14.12-14.18 | THE EFFECT OF A SIGNIFICANT PATENT DUCTUS ARTERIOSUS ON DOPPLER FLOW PATTERNS OF PRE-DUCTAL VESSELS: ASSESSMENT OF THE BRACHIOCEPHALIC ARTERY  
*Colm Breatnach*¹, *O. Franklin*², *N. McCallion*¹, *A. EL-KHUFFASH*¹  
¹The Rotunda Hospital, Neonatology, Dublin, Ireland  
²Our Lady's Children's Hospital- Crumlin, Cardiology, Dublin |
| 14.18-14.24 | IMPROVING EARLY NUTRITION OF VERY LOW BIRTH WEIGHT (VLBW) INFANTS  
*Lorraine Stallard*¹, *AC Glynn*², *A Foran¹  
¹Department of Neonatology, The Rotunda Hospital, ²Department of Dietetics, The Rotunda Hospital |
*Claire A Murphy*, R Philip, N Al Assaf, University Maternity Hospital, Limerick |
| 14.30-15.15 | Guest Lecture:  
*Non-Invasive Continuous Monitoring of the Haemodynamic Status of Preterm Infants*  
*Dr Willem de Boode*, Radboudumc Amalia Children’s Hospital, Nijmegen, The Netherlands |
| 15.15-15.45 | TEA/COFFEE AND POSTER VIEWING                                      |
| 15.45-17.00 | SESSION 2: Chairs – Eugene Dempsey and Jan Miletin                |
| 15.45-16.15 | Original Research Session: 5 x 6 minute presentations             |
| 15.45-15.51 | RESPIRATORY ADAPTATION IN TERM INFANTS IMMEDIATELY AFTER CESAREAN SECTION-RESPIRATORY RATES, TIDAL VOLUMES AND END TIDAL CARBON DIOXIDE  
¹Department of Paediatrics and Child Health, Cork University Maternity Hospital, Cork  
²Irish Centre for Fetal and Neonatal Translational Research (INFANT), University College Cork |
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Presenters</th>
</tr>
</thead>
</table>
| 15.51-15.57 | LEFT VENTRICULAR ROTATIONAL MECHANICS IN INFANTS WITH HYPOXIC ISCHAEMIC ENCEPHALOPATHY AND PRETERM INFANTS AT 36 WEEKS POST MENSTRUAL AGE VERSUS CONTROLS | Colm Breatnach 1, E. Forman 1, A. Foran 1, C. Monteith 2, L. Mc Sweeney 2, F. Malone 2, N. McCallion 1, O. Franklin 3, A. El-Khuffash 1  
1The Rotunda Hospital, Neonatology, Dublin; 2Royal College of Surgeons in Ireland, Obstetrics and Gynaecology, Dublin; 3Our Lady’s Children’s Hospital- Crumlin, Cardiology, Dublin, Ireland |
| 15.57-16.03 | PRETERM INFECTION RISK MAY BE RELATED TO DECREASED IMMUNE CELL INFLAMMATORY RESPONSE. | Murwan Omer 1, 2, L Kelly 1, 3, E J Molloy 1, 2, 4  
1Discipline of Paediatrics Trinity College, the University of Dublin; Department of Neonatology, Dublin; Departments of 2Neonatology and 3Pathology, Coombe Women’s and Infant’s University Hospital, Dublin 8 & 4 Tallaght Hospital, Dublin 24, Ireland |
| 16.03-16.09 | THE FINANCIAL COSTS TO PARENTS OF TERTIARY NEONATAL INTENSIVE CARE | David Staunton DU. Sweetman MB, MRCPI, PhD  
Neonatology, National Maternity Hospital, Holles St. Dublin 2 |
| 16.09-16.15 | ATTACHMENT FOCUSED INTERVENTION FOR PARENTS OF VERY PRETERM INFANTS IN THE NICU. (PIPPA STUDY) | Aoife Twohig, Ricardo Figuerdo, Fionnuala Byrne, Angela Underdown, Fiona McNicholas, Eleanor Molloy  
Dept. of Paediatrics, National Maternity Hospital; Department of Paediatrics and Department of Child Psychiatry, Our Lady’s Children’s Hospital Crumlin; University College Dublin, Trinity College Dublin, National Children’s Research Centre, Dublin |
| 16.15-17.00 | Guest Lecture: Reflections on the Changes in PDA Management During the Last 10 Years | Professor Patrick McNamara, The Hospital for Sick Children, Toronto, Canada |
| 17.05 | Announcement of Prizes and Close of Meeting |