

## Programme

### *The Second Edinburgh Perinatal Festival Programme*

#### Thursday 3rd May 2012

09.00 - 09.25 Registration

09.30 Welcome and introduction Dr Ian Laing, Edinburgh

#### **Chair: Professor Jane Norman and Dr Sara Rinaldi, Edinburgh**

09.40 Minimal handling or maximal disturbance:  
The neonatal intensive care environment.  
sponsored by Fisher & Paykel Dr Alan Gibson, Sheffield

10.20 Discussion

10.30 Oral presentation  
Fluctuating hyperoxia (DO<sub>2</sub>) impairs cortical growth  
and Cux1 expression in a preterm model of growth  
restriction (GR) Jean Wade

10.45 Oral presentation  
The role of lipoxins in a mouse model of infection-  
induced preterm labour Sara Rinaldi

**11.00** *Coffee*

11.30 Oral presentation  
Novel use of proton magnetic resonance  
spectroscopy (1HMRS) in the placenta with potential  
to prevent perinatal brain injury and stillbirth Fiona Denison

11.45 Debate: "Reproductive tourists should pay for  
neonatal care of their babies"  
Edile Murdoch, Edinburgh (for)  
Gordon Smith, Cambridge (against)

12.15 Discussion

**12.30** *Lunch*

13.30 Posters P1-P6 in plenary hall

#### **Chair: Dr Ben Stenson and Dr Chinthika Piyasena, Edinburgh**

14.00 Where next in dealing with prematurity:  
prevention or cure? Professor David Field, Leicester

14.30 Discussion

14.40 Oral presentation  
'In Depth' Performance Analysis of a Novel  
Automated Seizure Detection Algorithm for  
Neonatal EEG Sean Mathieson

14.55	Oral presentation The Effects of Antenatal Inflammation and Clinically Relevant Postnatal Variable Hyperoxia on Developing White Matter	Lizzie Pilley
<b>15.10</b>	<b><i>Afternoon tea</i></b>	
15.40	How to grow a fetus: a gene therapy approach to treat severe fetal growth restriction	Dr Anna David, University College London
16.10	Discussion	
16.20	Delivery room care of preterm infants	Dr Colm O'Donnell, Dublin
16.50	Discussion	
17.00	Close of first day.	

### **Friday, 4th May, 2012**

08.40 Coffee

**Chair: Dr Fiona Denison and Dr Paul Mills, Edinburgh**

09.10	Chairman's remarks	
09.20	The relationship between pregnancy complications and the risk of Sudden Infant Death Syndrome	Professor Gordon Smith, Cambridge
09.50	Discussion	
10.00	Oral presentation Neurodevelopmental outcome at 2 years corrected age following highly conservative treatment of the patent ductus arteriosus in extremely low gestational age neonates (ELGANs)	Judith Orme
10.15	Oral presentation Routine Nutritional Analysis of Donor Breast Milk; A Comparison With Formula and Implications for Neonatal Nutrition	Andrew Cooper
<b>10.30</b>	<b><i>Coffee</i></b>	
11.00	Oral presentation Accuracy of first trimester uterine artery Doppler in predicting Pre-eclampsia and intrauterine growth restriction: a Meta analysis of 55 091 pregnancies	Luxmi Velauthar
11.15	Oral presentation Metformin, glycaemic control and postnatal glucose-tolerance-testing in women with gestational diabetes	Laura Stirrat
11.30	Debate: CTG monitoring is harmful and should be abandoned	Peter Brocklehurst, University College London (for) James Boardman, Edinburgh (against)

12.00 Discussion

**12.15** *Lunch*

**Chair: Dr Julie-Clare Becher and Dr Elizabeth Pilley, Edinburgh**

13.45 Intrahepatic cholestasis of pregnancy: the epidemiology, aetiology and treatment of adverse fetal outcomes. Implications for the neonate Professor Catherine Williamson  
Imperial College London

14.15 Discussion

14.25 Dark matter and dark energy in the preterm brain Professor David Edwards,  
Imperial College London

14.55 Discussion

**15.05** *Afternoon tea*

15.35 Presentation of prizes (best poster / oral presentation)

15.50 The safety of planned place of birth: the Birthplace results and what happens next Professor Peter Brocklehurst,  
University College London

16.20 Discussion

16.30 Closing remarks Ian Laing