

## Neonatal Society Spring Meeting Programme 15 March 2019

Royal Society of Medicine, 1 Wimpole Street, London, W1G 0AE

09.30 Coffee

### Session 1: Chair – Dr Chris Gale, Committee Member

10.00. L Mills, Imperial College London

Macronutrient content of donor milk from a regional human milk bank: variation with donor mother-infant characteristics

10.15. A Lok, Bradford Neonatal Unit

Early Extubation Success in Extreme Preterm Infants – Yorkshire ODN Experience

10.30. S. Sakonidou, Imperial College London

Interventions to improve parent satisfaction with care in neonatal intensive care units: a systematic review

10.45. H Hunt, University of Exeter

“They’ve walked the walk”: A systematic review of quantitative and qualitative evidence for parent-to-parent support for parents of babies in neonatal care

11.00. Tea / coffee

### Session 2: Chair –Dr Ela Chakkarapani, Committee Member

11.30. T Sproat, Institute of Cellular Medicine, Newcastle University

Investigating the immune system of preterm babies and the effect of diet

11.45. E Fitzgerald, University of Edinburgh

LPS and hypoxia affect transcription and 5' hydroxymethylation of SLC7A5 in the developing mouse brain

12.00. W Lee, University of Nottingham

Vibration induced brain injury in the developing brain: a double hit mechanism?

### 12.15 Keynote Lecture

Professor Olivier Baud. Professor of Paediatrics, Université Paris-Diderot and University of Geneva  
*“Hydrocortisone for Improving Outcome after Extremely Preterm Birth”*

13.15. Lunch break

### Session 3: Chair – Professor James Boardman, President

14.45. S Datir, Stoke Mandeville Hospital, Aylesbury and Neonatal Intensive Care Unit, John Radcliffe Hospital, Oxford.

Interpretation of cerebral function monitor traces: Comparison of skills in paediatric registrars in the Oxford deanery after a decade

15.00. J Crowell, University of Bristol

White matter integrity at school age in children from the DRIFT randomised controlled trial of neonatal post haemorrhagic ventricular dilatation

15.15. G Sullivan, University of Edinburgh

Structural connectivity measures correlate with language outcomes in preterm infants at 2 years of age

15.30. Afternoon Tea / Coffee

**Session 4: Chair – Professor Lucy Chappell, Committee Member**

16.00. A Glazewska-Hallin, Department of Women and Children's Health, King's College London  
Efficacy of vaginal cerclage in women with prior preterm birth with prior emergency caesarean sections

16.15. D Stoye, University of Edinburgh

Reduced maternal glucocorticoid clearance is associated with higher serum cortisol and reduced offspring birthweight

16.30. **Prize for best presentation by a trainee**

16:35. **McCance Lecture**

Professor Bo Jacobsson. Professor in Obstetrics and Gynaecology, Gothenburg and Senior Researcher, Institute of Public Health, Oslo.

*"A genetic perspective of preterm delivery - is it the mother or the child or both?"*

17:35 Drinks reception and close of meeting