



Neonatal Society Spring Meeting, 9th November 2023

Royal Society of Medicine, 1 Wimpole Street, London, W1G 0AE
Meeting Virtual Link: To be emailed to delegates on 8th November 2023

08:45. Tea/Coffee

Session 1

09:00. Siân Wilson, KCL

Structural covariance in the developing brain in fetuses with CHD: the role of cerebral substrate delivery

09:15. Alexandra F. Bonthron, KCL

Harmonising neonatal diffusion-weighted brain MRI for investigation of white matter microstructure across research centres

09:30. Sami Altalib, UCL

The association between deprivation, ethnicity, and perinatal brain injury in England (2018-2020)

09:45. Daniel Cromb, KCL

Individualised cortical gyrification in neonates with congenital heart disease

10:00. Tea / coffee

Session 2

10:30. A. Randeni and S. Colvin, Leeds

The composition of cerebrospinal fluid (csf) in hydrocephalus

10:45. Sally Gowers, ICL

Non-invasive continuous monitoring of glucose in neonates – a proof of concept study

11:00. Nidal Khatib, ICL

Time-series prediction modelling of continuous cardiac output in preterm neonates

11:15. Tea / coffee

Session 3

11:45. **Keynote Lecture**

Professor Serena Counsell, Kings College London

Brain development in babies with congenital heart disease

12:30. **Annual General Meeting** (Open to members of the Neonatal Society)

In-person at the Royal Society of Medicine and via a virtual link

13:30. Lunch break (60 minutes)



Session 4

14:30. Oishi Sikdar, KCL

Maternal and infant outcomes in women with sickle cell disease

14:45. Nicole Chapman-Hatchett and Nia Chittenden, KCL

Risk assessment of survival and morbidity of infants born at less than 24 completed weeks of gestation

15:00. Katherine Pettinger, York

Risk and prevalence of developmental disorders in children born between 32–38 weeks' gestation: a systematic review and meta-analysis

15:15. Afternoon Tea / Coffee

Session 5

15:45. Abhishek Das, UCL

Harnessing immune signals as diagnostic adjuncts to rule-out late-onset sepsis

16:00. Ilana Levene, Oxford

Does extremely early expression of colostrum after very preterm birth improve breastmilk feeding outcomes? A cohort study

16:15. Alice B. Kavati, Leicester

The effect of breastfeeding compared with cow's milk formula-feeding on body composition in late preterm and early term infants: A systematic review

Session 6

16:40. **Prizes for best presentations**

16:45. **Widdowson Lecture**

Professor Anna David, University College London

Establishing fetal surgery for neural tube defects in the UK

17:45. Close of meeting