

## **Autumn Meeting, 5th November 2020**

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

*Meeting Virtual Link: To be emailed to delegates on 3 November 2020*

### **Session 1: Chair – Professor Andy Ewer. Moderator - Dr Ela Chakkarapani**

10:00. M Pureza Laudiano-Dray, University College London

Quantification of neonatal procedural pain severity: a platform for estimating total pain burden in individual infants

10:15. L Fabrizi, University College London

Maternal contact alters how neonates process pain

10:30. L Boel, University Hospital of Wales, Cardiff

Temporal trends of care practices, morbidity, and mortality of extremely preterm infants over 10-years in South Wales, UK

10:45. R D'Souza, Evelina Children's Hospital, London

Leaving necrotic bowel in situ at NEC laparotomy leads to increased mortality

11:00. Q Yang, University of Bristol

The effect of insomnia on pregnancy and perinatal outcomes: a mendelian randomization study

11:15. Tea / coffee

### **Session 2: Chair – Professor Lucy Chappell.**

#### **11:45 Keynote Lecture**

Professor Paul Leeson. Cardiovascular Clinical Research Facility. University of Oxford.

Early life determinants of cardiovascular and cerebrovascular health

**12:45. Annual General Meeting (Open to members of the Neonatal Society)**

*Virtual breakout session*

13:45. Lunch break

### **Session 3: Chair – Professor Helen Budge. Moderator – Dr Chris Gale**

14:45. R Pang, University College London

High dose melatonin with erythropoietin and therapeutic hypothermia for perinatal hypoxia ischemia (EMPATHY study): a randomized pre-clinical piglet study

15:00. J Gibb, University of Bristol.

Cardiac function in school aged children cooled for neonatal hypoxic ischaemic encephalopathy

15:15. D Odd, University of Bristol

Antenatal inflammation is not associated with death or short-term morbidity in infants cooled for neonatal encephalopathy

15:30. N Goulding, University of Bristol

Investigating correlations in metabolite levels between pregnant mothers and cord-blood

15:45. TJ Robb, University of Bristol

Social communication development in children aged 6-8 years, without cerebral palsy cooled for neonatal hypoxic ischaemic encephalopathy

16:00. Afternoon Tea / Coffee

#### **Session 4: Chair – Professor James Boardman**

16:25. **Prize for best presentation by a trainee**

16:30. **Widdowson Lecture – Introduced by Professor James Boardman, President**

Professor Stephen Charnock-Jones. Department of Obstetrics and Gynaecology. University of Cambridge.

Human placenta has no microbiome but can contain potential pathogens.

17:30. Close of meeting