



**The Neonatal Society
Summer Meeting**

June 24th-25th 2021

**Royal Society of Medicine
London**

Welcome to London

It is a pleasure to invite you to London (in-person or virtually) for The Neonatal Society Summer Meeting.

The aim of the society is to bring scientists and clinicians together to discuss important topics in perinatal medicine, to learn from one another and generate new ideas, to network and to meet old friends and make new ones too.

The meeting is being held at the Royal Society of Medicine in central London and we are delighted to welcome four distinguished keynote speakers from across the world. We are also pleased to invite original abstracts, which will be presented as oral and poster presentations.

We look forward to meeting you in London or virtually this summer. Registration (including accommodation) is now open at <https://www.eventbrite.co.uk/e/neonatal-society-summer-meeting-2021-tickets-151192828821>

Programme **Thursday 24th June**

9.00 *Registration, coffee and exhibits*

SESSION 1 **Chairs: Professor Helen Budge and Dr Chris Gale**

9:25 Welcome

9:30 Haslina Binti Abdul Hamid: Anti-reflux medication use among preterm infants in neonatal units in England and Wales: a retrospective cohort study

9:45 Luke Mills: PREMFOOD: A randomised controlled trial of unfortified human milk, fortified human milk, and preterm formula as supplement to maternal milk for very preterm infants

10:00 James Webbe: Use of parenteral nutrition in the first postnatal week in England and Wales: an observational study using routinely recorded data

10:15 Rosie Cresner: Use of trans-anastomotic tubes in congenital duodenal obstruction

10:30 Sarah Richardson: The natural history of mild to moderate antenatally diagnosed renal pelvic dilatation (RPD) as determined by ultrasound findings.

10:45 Alexandra Downes: Variants in genes for familial cholestatic disorders contribute to the development of conjugated jaundice in preterm infants

11:00 *Tea break and exhibits*

11:30 **Keynote Lecture: Professor Debby Bogaert, University of Edinburgh**
Development of the respiratory microbiota and its role in susceptibility to infection

12:30 *Lunch, exhibits*

SESSION 2 **Chairs: Professor Andy Ewer and Dr Ela Chakarapani**

14:30 Pratusha Babu: Learning from litigation in the care of neonatal patients

14:45 Martins Aso: Resuscitation of preterm infants in Nigeria - a national survey on process

15:00 Kate Hooper: Improving perioperative thermoregulation: evaluation

	of the use of the Criticool® cooling and warming machine for surgery on the neonatal intensive care unit
15:15	Susanna Sakonidou: The PEC (<u>P</u> arents' <u>E</u> xperiences of <u>C</u> ommunication in neonatal care) survey: the first UK survey validated for real-time parent feedback in neonatal care
15:30	Sarah Sturrock: Neonatal outcomes following a maternal SARS-CoV-2 infection in pregnancy: A systematic review
15:45	Charles Roehr: Improving LP success with NeoCLEAR: <u>N</u> eonatal <u>C</u> hampagne <u>L</u> umbar Punctures <u>E</u> very Time – <u>A</u> n <u>R</u> CT
16:00	<i>Tea break and exhibits</i>
16:30	David Harvey Fellowship Lecture: Professor Linda de Vries, UMC Utrecht Advances in diagnosis, prognosis and management of perinatal brain injury over three decades
17:30	Close of day

Friday 25th June

9.00	<i>Registration, coffee and exhibits</i>
SESSION 3	Chairs: Dr Kevin Goss and Professor Helen Budge
9:25	Welcome
9:30	T'ng Chang Kwok: Association of postnatal dexamethasone timing with need for pressure support at 36 weeks in infants <32 weeks gestation: a population-based study
9:45	Diana Aguirre: Temporal trends in routine predischarge pulse oximetry screening: 6 years' experience in a UK regional neonatal unit
10:00	Ela Chakkarapani: Impact of parents cuddling babies during therapeutic hypothermia and intensive care; a prospective observational intervention study (COOLCUDDLE)
10:15	Jenny Ingram: Parents and staff views of cuddling babies undergoing therapeutic hypothermia in neonatal intensive care (COOLCUDDLE)
10:30	<i>Tea break and exhibits</i>

11:00	Young Investigator Lecture 2020: Dr Subha Mitra, UCL Optical neuromonitoring in neonatal encephalopathy
11:45	Young Investigator Lecture 2021: Dr Gemma Sullivan, University of Edinburgh
12:30	<i>Lunch, exhibits</i>
SESSION 4	Chairs: Professor Andy Ewer and Professor James Boardman
14:30	K Harvey-Jones: Metabolic and haemodynamic optical reactivity indices provide an early assessment of injury and predict neurological outcome following neonatal
14:45	Lara Shipley: Birth in local neonatal units with and without active therapeutic hypothermia and seizure-free survival following hypoxic-ischaemic encephalopathy: a UK study
15:00	Susana Pereira: Can intrapartum CTG predict MRI patterns of brain injury in neonates with HIE?
15:15	Arthur Spencer: Mammillary body abnormalities and cognitive outcome in school-age children cooled for neonatal encephalopathy
15:30	Kadi Vaher: General factors of white matter microstructure in the neonatal brain
15:45	Marianne Thoresen: New MRI score predicts severe cerebral palsy with 98% accuracy after therapeutic hypothermia
16:00	<i>Tea break and exhibits</i>
16:30 – 16:35	Prize-giving – best oral presentation and best poster by trainees
16:35	The Tizard Lecture: Professor Neil Marlow, UCL Long Term Outcomes after Extreme Prematurity: Fit for the Future
17:35	Close of Meeting
