**Director:** Neena Modi, Professor of Neonatal Medicine, Imperial College London  
**Venue:** BMA House, Tavistock Square, London WC1H 9JP

**Programme**

**Monday 19 November**

09:30 Anaemia, red cell transfusion, and necrotising enterocolitis  
Professor Ravi Mangal Patel, Emory University, Atlanta, USA  

10:30 Circadian rhythms, health and disease  
Dr Helen McKenna, University College London  

11:30 Coffee

12:00 The promise of human genome editing  
Professor Andy Greenfield, Medical Research Council Harwell  

13:00 Lunch

14:00 The science of cryopreservation  
Professor Barry Fuller, University College London

15:00 New approaches in the prevention and treatment of necrotising enterocolitis  
Professor David Hackam, Johns Hopkins School of Medicine, Baltimore, USA

16:00 Tea

16:30 Lessons from birth cohorts  
Dr Helen Pearson, Chief Magazine Editor, Nature

17:30 Welcome reception

**Tuesday 20 November**

09:00 Management of the long term ventilated neonate  
Dr Colin Wallis, Great Ormond Street Hospital

10:00 Developmental follow-up of children and young people born preterm: the UK NICE Guideline  
Professor Neil Marlow, University College London

11:00 Coffee

11:30 Young Investigator Award presentations  
Chair: Professor Neena Modi

11:30 Monitoring brain metabolism at the cot side  
Dr Subhabrata Mitra, University College London

12:00 Measuring pain in the newborn infant  
Dr Caroline Hartley, University of Oxford

12:30 Lunch

13:30 A baby girl with a BRCA1 mutation: the Pandora’s box of genetic screening  
Professor Anneke Lucassen, University of Southampton

14:30 Pain relief during screening for retinopathy of prematurity  
Professor Rebecca Slater, University of Oxford

15:30 Tea

16:00 **THE 2017 DAVID HARVEY LECTURE**  
Delayed or immediate cord-clamping in preterm infants? Introducing the ALPHA Collaboration to Advance Large Publicly prioritized trials of Health outcomes Assessment  
Professor William Tarnow-Mordi, University of Sydney

17:00 End of day
Wednesday 21 November

Chair: Professor Andrew Wilkinson

09:00  A 21st century improvement pipeline for newborn health
       Professor Neena Modi, Imperial College London

10:00  The science of medicine in space
       Wing Commander Dr Peter Hodkinson, Royal Air Force Centre of Aviation Medicine

11:00  Coffee

11:30  Selective or universal screening for Group B streptococcus in pregnancy
       Professor Fiona Denison, University of Edinburgh

12:30  Lunch

13:30  Masterclasses in the Courtyard Suite (ground floor) for those who have booked; free afternoon for others

   1. Pros and cons of near infra-red spectroscopy in the clinical setting: Professor Topun Austin
      University College London and Cambridge University Hospitals NHS Trust
   2. Clinical implications of the preterm oxygen saturation trials: Professor William Tarnow-Mordi
      University of Sydney
   3. The technique of less invasive surfactant administration (LISA) organised and funded by Chiesi Limited:
      Dr Vimal Vasu, William Harvey Hospital, Ashford and Dr Porus Bustani, Sheffield

15:00  Tea

15:15  Masterclasses (repeat of above)

16:45  End of day

Thursday 22 November

Chair: Dr Matthew Hyde

09:00  Improving the quality of quality improvement
       Professor Mary Dixon-Woods, THIS Institute, University of Cambridge

10:00  Assessing quality and improving newborn care in low income countries
       Professor Mike English, Kenya Medical Research Institute Wellcome Trust

11:00  Coffee

11:30  Intrauterine growth restriction and later cardiovascular function
       Professor Fatima Crispi, University of Barcelona

12:30  Lunch

13:30  Unexpected collapse in apparently healthy newborns: investigation, causes, and outcomes
       Dr Julie-Clare Becher, Royal Infirmary of Edinburgh

14:30  Lactoferrin in preterm care: evidence from randomised controlled trials
       Dr Janet Berrington, University of Newcastle

15:30  Tea

16:00  New diagnostic modalities and emerging treatments for neonatal bone disease
       Professor Nick Bishop, Sheffield Children’s Hospital

17:00  End of day

Friday 23 November

09:00  Folic acid and neural tube defects: an unfinished story
       Professor Sir Nicholas Wald, Wolfson Institute of Preventative Medicine

10:00  Management of antenatally detected kidney malformations
       Professor Paul Winyard, University College London

11:00  Coffee

11:30  Managing threatened preterm labour
       Professor Jane Norman, University of Edinburgh

12:30  Lunch

13:30  The evolution of sex-specific virulence in infectious diseases
       Professor Francisca Úbeda, Royal Holloway, University of London

14:30  Reconstruction of congenital hand anomalies
       Ms Gill Smith, Great Ormond Street Hospital

15:30  End of meeting
For registration and more details, including information on the Neonatal Update Young Investigator awards, go to:
www.symposia.org.uk/neonatal