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  New approaches in the prevention and treatment of necrotising enterocolitis  
       Professor David Hackam, Johns Hopkins School of Medicine, Baltimore, USA
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  Circadian rhythms, health and disease  
       Dr Helen McKenna, University College London
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
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

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
15:00  Tea
15:15  Masterclasses (repeat of above)
16:45  **End of day**

**Thursday 22 November**

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 Fransisco 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](http://www.symposia.org.uk/neonatal)