Neonatal Update “the science of newborn care” has an international reputation for delivering a unique and innovative programme that combines cutting-edge science with state-of-the-art clinical practice. The speakers are global leaders in their field and will take you into the future of newborn care.

Course Director: **Neena Modi**, Professor of Neonatal Medicine
Imperial College London

Associate Director: **Vimal Vasu**, Consultant in Neonatal Medicine
East Kent Hospitals University NHS Foundation Trust

CPD: Approved by the Royal College of Paediatrics and Child Health

To be held at: BMA House, Tavistock Square, London, WC1H 9JP

Enquiries: The Symposium Office
Tel: +44 (0)20 7594 2150  Fax: +44 (0)20 7594 2155
Email: sympreg@imperial.ac.uk
Full details and secure online registration: [www.symposia.org.uk](http://www.symposia.org.uk)
Monday, 27 November

09:30 Not just snakes and ladders: board games for better health and other innovations in low resources settings  
Professor Dame Tina Lavender, University of Manchester

10:30 Intestinal motility disorders in infancy  
Professor Marc Benninga, Emma Children’s Hospital, Amsterdam

11:30 Coffee

12:00 Sex differences in early-life programming of the hypothalamic-pituitary-adrenal axis in humans  
Professor Rebecca Reynolds, University of Edinburgh

13:00 Lunch

14:00 Climate change, air pollution and infant health  
Professor Jonathan Grigg, Queen Mary University of London

15:00 Filtered sunlight, solar-powered phototherapy and other stratagems for managing jaundice in low-resource settings  
Professor Tina Slusher, University of Minnesota

16:00 Tea

16:30 Risk factors for dental problems: recommendations for oral health in infancy  
Dr Yvonne Wagner, Jena University Hospital

17:30 Welcome reception

Tuesday, 28 November

09:00 How are medicines developed?  
Professor Alan Boyd, University of Birmingham

10:00 Better medicines for neonates: improving drug development, testing, and prescribing  
Professor Karel Allegaert, University Hospitals Leuven

11:00 Coffee

11:30 Helping parents and children to avoid being misled about treatment claims  
Dr Andy Oxman, Norwegian Institute of Public Health, Oslo

12:30 Lunch

13:15 Meet the expert (optional): Hypophosphatasia in the newborn - what the neonatologists need to know  
Professor Nick Bishop, University of Sheffield

13:30 Protein intake in infancy and childhood obesity  
Professor Berthold Koletzka, University of Munich

14:30 The role of fetal movements in healthy development of the bones, joints and spine  
Dr Niamh Nowlan, Imperial College London

15:30 Tea

16:00 THE DAVID HARVEY LECTURE  
A brief history of neonatology  
Professor Kate Costeloe, Homerton University Hospital, London

17:00 End of day

Wednesday, 29 November

09:00 Viral infections and the neonatal brain  
Professor Linda de Vries, UMC Utrecht

10:00 Young Investigator Prize Presentations
Wednesday, 29 November - cont.

11:00 Coffee
11:30 Sequencing the newborn genome: future hazard or hope?
   Professor Robert Green, Brigham and Women's Hospital, Boston
12:30 How infant formula is developed
   Professor Eline van der Beek, University of Groeningen and Early Life Development, Nutricia Research
13:30 Lunch
14:30 Masterclasses* (choice of):
   1. Less Invasive Surfactant Administration: Chiesi Ltd
   2. Cerebral Function Monitoring: Professor Linda de Vries
15:30 Tea
16:00 Masterclass*: [Repeat of above]
17:30 End of day

* NB These groups are limited to 20 people per group and need to be booked additionally. There is a small supplementary charge of £20 per workshop/masterclass. Those not attending a masterclass have a free afternoon.

Thursday, 30 November

09:00 Risky business: lessons from motor racing and other high risk industries
   Dr Allan Goldman, Great Ormond Street Hospital
10:00 Mapping the newborn brain
   Professor James Boardman, University of Edinburgh
11:00 Coffee
11:30 Feeding the very preterm neonate: four decades of clinical research
   Professor Neena Modi, Imperial College London
12:30 Lunch
13:30 Preterm pre-eclampsia: what every neonatologist should know
   Professor Lucy Chappell, Kings College London
14:30 Where next with infant vaccines?
   Professor Andrew Pollard, University of Oxford
15:30 Tea
16:00 Using smell and taste to improve nutrition in preterm infants
   Professor Frank Bloomfield, University of Auckland
17:00 End of day

Friday, 1 December

09:00 Reflections of a war surgeon
   Mr David M Nott, Imperial College London
10:00 Artificial intelligence-enabled healthcare
   Dr Dominic King, DeepMind & Imperial College London
11:00 Coffee
11:30 Lessons from PERISTAT: a European perinatal collaboration
   Professor Jennifer Zeitlin, Inserm, Paris
12:30 Lunch
13:30 First do the experiment: does computerised interpretation of cardiotocography and other widely used interventions improve newborn outcomes?
   Professor Phillip Steer, Imperial College London
14:30 Treating bronchiolitis in infants
   Professor Steve Cunningham, University of Edinburgh
15:30 End of meeting
**Application form**

**General Information**

**Title**  
Surname ____________________________

**First name** ____________________________

**Job title** ____________________________

**Place of work** ____________________________

**Address** ____________________________

**Post code** ____________________________  **Country** ____________________________

**Tel no (daytime)** ____________________________

**RCPCH membership no.** ____________________________

**Email** ____________________________

**Any special dietary requirements** ____________________________

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**Full meeting**

- £680  
  (before 31/07/17)

- £785  
  thereafter

**Full meeting: RCPCH member**

- £705  
  registering before 30/09/17

**3 days only** (delete as appropriate)  
(Mon / Tues / Wed / Thurs / Fri)

- £550

**2 days only** (delete as appropriate)  
(Mon / Tues / Wed / Thurs / Fri)

- £420

**1 days only** (delete as appropriate)  
(Mon / Tues / Wed / Thurs / Fri)

- £270

**Masterclass** are limited to 20 per group. They can only be booked in addition to Neonatal Update 2017.

- LISA (14:30)  
  £20

- CFM (14:30)  
  £20

- LISA (16:00)  
  £20

- CFM (16:00)  
  £20

**TOTAL** ____________________________

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**Payment**

*By credit/debit card (Visa/MasterCard/Debit)*

**Cardholder’s name** ____________________________

**Card Number** ____________________________

**Expiry date** ____________________________  **Security code** ____________________________

**Cardholder signature** ____________________________

**Billing address (if different from above)** ____________________________

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*By cheque payable to Genesis Research Trust*

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Please note that we are unable to accept an application without the registration fee. Submission of this form does not guarantee a place. A receipt will be sent as confirmation of booking. Cancellations must be made in writing. No refunds will be made for cancellations received within 10 working days of the course start.

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**Exhibitors**

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**Young Investigator Awards**

Awards will be made to up to two outstanding young investigators to present a 20 minute résumé of their research achievements at the Neonatal Update 2017, and discuss the relevance of their past and future work to neonatal medicine. The award will cover registration, travel and accommodation for up to 3 nights, to enable attendance at the NU17.

**Full details:**

www.symposia.org.uk/neonatal

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Please return to:

**The Symposium Office**

Imperial College London  
IRDB, Hammersmith Hospital  
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London W12 0NN  
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