**NEONATAL UPDATE 2016**

*“the science of newborn care”*

Celebrating our 29th international meeting with neonatologists, paediatricians and scientists from around the world

28 November - 2 December 2016
BMA House, Tavistock Square, London WC1H 9JP

<table>
<thead>
<tr>
<th><strong>Monday 28 November</strong></th>
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<tbody>
<tr>
<td><strong>09:30</strong></td>
<td>Advancing enteral feeds in preterm babies <em><strong>Dr Jon Dorling, University of Nottingham</strong></em></td>
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<td><strong>10:30</strong></td>
<td>The biological substrate of neural plasticity <em><strong>Professor David Rowitch, University of Cambridge</strong></em></td>
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<td><strong>11:30</strong></td>
<td>Coffee</td>
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<td><strong>12:00</strong></td>
<td>Melatonin and the newborn brain <em><strong>Professor Olivier Baud, Hôpital Robert-Debré, Paris</strong></em></td>
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<td><strong>13:00</strong></td>
<td>Lunch</td>
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<td><strong>14:00</strong></td>
<td>Best practice cardiac critical care in the neonatal unit <em><strong>Professor Michael Rigby, Royal Brompton Hospital</strong></em></td>
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<td><strong>15:00</strong></td>
<td>Unto the next generation: the legacy of preterm birth <em><strong>Professor Neena Modi, Imperial College London</strong></em></td>
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<td><strong>16:00</strong></td>
<td>Tea</td>
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<td><strong>16:30</strong></td>
<td>The scientific basis of emerging therapeutic options for Retinopathy of Prematurity <em><strong>Professor Lois Smith, Harvard Medical School</strong></em></td>
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<td><strong>17:30</strong></td>
<td>Welcome reception</td>
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<th><strong>Tuesday 29 November</strong></th>
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<td><strong>09:00</strong></td>
<td>An emerging evidence-base for the management of neonatal hypoglycaemia <em><strong>Professor Jane Harding, Liggins Institute, University of Auckland, New Zealand</strong></em>.</td>
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<td><strong>10:00</strong></td>
<td>Sildenafil, pulmonary hypertension and bronchopulmonary dysplasia <em><strong>Professor Robert Tulloh, Bristol Royal Hospital for Children</strong></em></td>
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<td><strong>11:00</strong></td>
<td>Coffee</td>
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<td><strong>11:30</strong></td>
<td>The management of neonatal acute and chronic renal failure <em><strong>Professor Malcolm Coulthard, Newcastle University Hospitals Trust</strong></em></td>
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<td><strong>12:30</strong></td>
<td>Lunch and Poster Walk</td>
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<td><strong>13:30</strong></td>
<td>Emerging insights in intestinal motility disorders in infancy <em><strong>Professor Robert O. Heuckeroth, Perelman School of Medicine at the University of Pennsylvania</strong></em></td>
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<tr>
<td><strong>14:30</strong></td>
<td>Does breast feeding really protect against obesity? <em><strong>Professor Kim F Michaelsen, University of Copenhagen</strong></em></td>
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<tr>
<td><strong>15:30</strong></td>
<td>Tea</td>
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16:00  **THE DAVID HARVEY LECTURE**  
Maternal nutrition and the newborn  
*Professor Lucilla Poston, Kings College London*

17:00  *End of day*

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**Wednesday 30 November**

09:00  Growing global public confidence in vaccines  
*To be announced*

10:00  Autonomic control in preterm infants - what we can learn from mathematical descriptions of vital signs  
*Dr Kerstin Jost, Kantonsspital Graubuenden, Chur, Switzerland*

10:30  Prematurity and early life programming  
*Dr Chinthika Piyasena, Guys and St Thomas’ Hospital, London*

11:00  Coffee

11:30  Opportunistic, risk-based, or universal: choosing an appropriate screening strategy for Group B Strep in pregnancy  
*Professor Paul Heath, St George’s Hospital, London*

12:30  Lunch and Poster Walk

13:30  When should resuscitation stop?  
*Associate Professor Dominic Wilkinson, John Radcliffe Hospital, Oxford*

14:30  What’s new in European and UK neonatal resuscitation guidelines?  
*Dr Jonathan Wyllie, South Tees Hospital*

15:30  Tea

16:00  Engineering immunity: update on clinical gene therapy and gene-editing in children  
*Professor Waseem Qasim, Great Ormond Street Hospital*

17:00  *End of day*

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**Thursday 1 December**

09:00  Top teaching tips: how to break bad news  
*Professor Neil Marlow, University College London*

10:00  The effect of anaesthesia on the infant brain  
*Dr Andrew Davidson, Royal Children’s Hospital, Melbourne*

11:00  Coffee

11:30  Mining the microbiome for novel therapeutic agents  
*Professor Julian Marchesi, Imperial College London*

12:30  Lunch

13:30  Managing the neonate with bilious vomiting  
*Mr David Burge, Southampton Children’s Hospital*

14:30  “A child of one’s own”: changing stories of new parenthood  
*Professor Rachel Bowlby, University College London*

15:30  Tea

16:00  Neonatal organ donation  
*Dr Joanna Wright, Leeds Teaching Hospitals NHS Trust*

17:00  *End of day*

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**Friday 2 December**

09:00  Zika virus infection, microcephaly and other clinical consequences:  
*To be announced*

10:00  What’s new in respiratory virus research  
*Professor Peter Openshaw, Imperial College London*

11:00  Coffee

11:30  Pre-eclampsia  
*Professor Christianne J. M. de Groot, VU University Medical Centre, Amsterdam*

12:30  The use of antenatal steroids in pregnancy: too much, too little, or in the wrong place?  
*Dr Sarah Stock, The Queen’s Medical Research Institute, Edinburgh*

13:30  Lunch and end of meeting