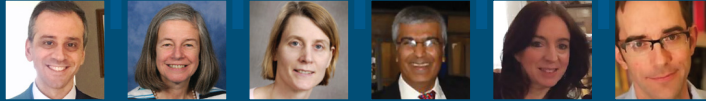




02.04.2019

## FACULTY



Dr Theodore Dassios · Professor Anne Greenough · Dr Hazel Evans · Professor Shailesh Kotecha  
Dr Ann Hickey · Professor Dominic Wilkinson

08:45

Registration

09:10

Welcome and Introduction

09:15

**Prevention of Bronchopulmonary Dysplasia**

Dr Theodore Dassios

**This session will aim to cover:**

- Preventive strategies in cases identified as being at increased risk of BPD.
- Invasive and non-invasive ventilation in BPD
- Evolution of early BPD
- Early origins and interventions that are associated with later development of BPD

10:15

**Treatment of established Bronchopulmonary Dysplasia**

Professor Anne Greenough

**This session will aim to cover:**

- Steroids: early, late, different modes of administration
- The role of caffeine in the treatment of BPD. Physiology and clinical outcomes
- Vitamin A
- Other treatments: what is the evidence?
- Future perspectives in the management of BPD: the role of mesenchymal Stem Cells – Artificial womb

11:15

Coffee break and networking

11:45	<b>Respiratory Physiology in the neonate and the impact of this on oxygen saturations and requirement for long term oxygen therapy</b> <b>This would aim to cover:</b> <ul style="list-style-type: none"> <li>• Breathing patterns in the neonate</li> <li>• Impact of breathing patterns on oxygen saturation indices and how these are detected with modern oximeters</li> <li>• Impact of oxygen desaturations in preterm infants on neurodevelopmental outcome</li> <li>• Impact of tidal volumes on oxygen requirements and how this changes with age</li> </ul>	Dr Hazel Evans
12:30	<b>All Faculty – Discussions and Q&amp;A</b>	
12:45	<b>Lunch and networking</b>	
13:45	<b>Long term outcomes of Bronchopulmonary Dysplasia</b> <b>This session will aim to cover the role of:</b> <ul style="list-style-type: none"> <li>• Respiratory outcomes following BPD</li> <li>• Functional Limitations following BPD</li> <li>• Neurodevelopment and extreme prematurity: the added burden of BPD</li> <li>• The changing cohort of BPD survivors</li> </ul>	Professor Shailesh Kotecha
14:45	<b>Nutritional management of Bronchopulmonary dysplasia</b> <b>This session will aim to cover the role of:</b> <ul style="list-style-type: none"> <li>• Energy requirements</li> <li>• Growth in BPD</li> <li>• Parenteral Nutrition in BPD</li> <li>• Specific Nutrient Supplementation</li> <li>• Antioxidants</li> <li>• Steroids and growth</li> </ul>	Dr Ann Hickey
15:30	<b>Ethics, conflict and severe BPD. What to do if doctors and parents disagree</b> <b>This session will aim to cover:</b> <ul style="list-style-type: none"> <li>• Ethical considerations in infants with BPD</li> <li>• Parental expectations</li> <li>• Disagreement between clinicians/parents carers</li> </ul>	Professor Dominic Wilkinson
16:30	<b>All Faculty – Discussions and Q&amp;A</b>	
16:45	<b>Main Conference Opening Ceremony</b>	

CONFERENCE DIRECTOR: Dr Atul Gupta, Consultant Respiratory Paediatrician, King's College Hospital, London

[atul.gupta@kcl.ac.uk](mailto:atul.gupta@kcl.ac.uk)