

# Workshop on Bronchopulmonary Dysplasia

October 17-18, 2016

## Workshop Goals:

1. Address issues around the definition of and diagnostic evidence for the designation of Bronchopulmonary Dysplasia (BPD) in neonates.
2. Review current evidence for prevention, early intervention, and treatment of BPD.
3. Identify current gaps in knowledge supporting the definition and outlining research priorities of contributing factors to the diagnosis of BPD to set a research agenda.

## Day 1:

October 17, 2016

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<b>8:00 a.m.</b>	<b>Registration</b>
<b>8:30 a.m.</b>	<b>Introduction and Welcome – NICHD Leadership</b>  <b>Goals and objective of workshop</b> Dr. Rosemary Higgins
<b>8:45 a.m.</b>	<b>Overview of BPD and definitions</b> Moderator: Dr. Tonse Raju
8:45 a.m.	BPD definition – Evolution of BPD concept, history, current definitions, changes over time, limitations – <b>Dr. Alan Jobe</b>
9:15 a.m.	Discussion
9:30 a.m.	Overview of BPD – Epidemiology and magnitude of the problem – <b>Dr. Robin Steinhorn</b>
10:00 a.m.	Discussion
<b>10:15 A.M.</b>	<b>BREAK</b>
<b>10:30 a.m.</b>	<b>Pathways and Management of BPD</b> Moderator: Dr. Marion Koso-Thomas



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- 10:30 a.m. Antenatal pathogenesis, inflammation, oxygen and contributors to BPD – ***Dr. Suhas Kallapur***
- 11:00 a.m. Discussion
- 11:15 a.m. Delivery room and ventilatory management of BPD – ***Dr. Neil Finer***
- 11:45 a.m. Discussion
- 12:00 P.M. BREAK - LUNCH**
- 1:00 p.m. Pathways and Management of BPD – continued**  
Moderator: Dr. Marion Koso-Thomas
- 1:00 p.m. Drugs and their contributions to BPD – ***Dr. Rita Ryan***
- 1:30 p.m. Discussion
- 1:45 p.m. PDA and contribution to BPD – ***Dr. Ron Clyman***
- 2:15 p.m. Discussion
- 2:30 p.m. BPD and pulmonary hypertension – ***Dr. Ganesh Konduri***
- 3:00 p.m. Discussion
- 3:15 P.M. BREAK**
- 3:30 p.m. Advancing Research Technology for Defining and Assessing BPD**  
Moderator: Dr. Tonse Raju
- 3:30 p.m. Lung imaging and other modalities of assessing lung function – ***Dr. Jason Woods***
- 4:00 p.m. Discussion
- 4:15 p.m. Stem cells and BPD – ***Dr. Bernard Thebaud***
- 4:45 p.m. Discussion
- 5:00 p.m. Pulmonary function testing and BPD – ***Dr. Stephanie Davis***
- 5:30 p.m. Discussion
- 5:45 p.m. Wrap up of first day

## Day 2:

October 18, 2016

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- 8:15 a.m.**            **Welcome – Dr. Rosemary Higgins**
- 8:30 a.m.**            **BPD Potpourri Topics**  
Moderator: Dr. Marion Koso-Thomas
- 8:30 a.m.            Nutritional aspects of BPD – ***Dr. Camilia Martin***
- 9:00 a.m.            Discussion
- 9:15 a.m.            Long term NICU stays and medical home – ***Dr. Laura Sterni***
- 9:45 a.m.            Discussion
- 10:00 A.M.**            **BREAK**
- 10:15 a.m.**            **Break out groups**
1. BPD definition and classification  
Leaders – Tonse Raju, Eduardo Bancalari
  2. Prevention and early intervention for BPD  
Leaders – Rosemary Higgins, Rose Viscardi
  3. Management and treatment of established BPD  
Leaders – Marion Koso-Thomas, Tina Hartert
- 12:45 P.M.**            **BREAK FOR LUNCH**
- 1:30 p.m.**            **Break out group summary presentations**  
Summary of data presented with attention to the following for each area defined:
1. Target gap areas
  2. Potential Research areas
  3. Feasibility of Research
  4. Potential action plan
- 3:00 p.m.**            **Adjourn**