FRIDAY, MARCH 6, 2020

7:00 am  Registration and Continental Breakfast

7:45   Welcome and Opening Remarks
       Dr. Jeff Fineman

SESSION 1: NEW MECHANISMS AND POTENTIAL THERAPIES FOR NEONATAL PULMONARY DISEASE
Moderators: Drs. Roberta Keller and Bernard Thébaud

8:00   Alveogenesis and Endothelial Progenitor Cells
       Dr. Vladimir Kalinichenko

8:30   Experimental Models of CDH: Insights from Human Genetics
       Dr. Xin Sun

9:00   Ventricular Function in Neonatal Pulmonary Hypertension: Influence on Outcomes
       Dr. Gabriel Altit

9:30   Pulmonary Hypertension in the Preterm: Role of Inhaled NO
       Dr. Satyan Lakshminirusima

10:00 am  Break

SESSION 2: Therapeutic Updates: Part I
Moderators: Drs. Eric Austin and John Kinsella

10:20   Update on Current and Future Endothelial Based Therapies
       Dr. Marilyne Levy

10:40   Update on Metabolic Therapeutic Targets
       Dr. Stephan Chan

11:00   Micro RNAs: Potential Therapeutic Targets
       Dr. Usha Raj

11:20   PH Treatment in SV Physiology
       Dr. Russel Hirsch
## GENERAL SESSION - AGENDA
Friday, March 6 & Saturday, March 7, 2020
Grand Ballroom (Third Floor)

### SESSION 3: Perspective: Ode to the Right Ventricle

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<tr>
<th>Time</th>
<th>Speaker/Topic</th>
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<tr>
<td>11:45</td>
<td>Dr. Stephen Archer</td>
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<tr>
<td>12:15</td>
<td><strong>Boxed Lunch: Case Presentations</strong></td>
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<td><strong>Moderators: Drs. Usha Krishnan and Robin Steinhorn</strong></td>
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### SESSION 4: Therapeutic Updates: Part II
Moderators: Drs. Dunbar Ivy and Peter Oishi

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<th>Time</th>
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<tbody>
<tr>
<td>1:15</td>
<td><strong>Update on SMC/Inflammatory Based PH Therapies</strong></td>
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<td>Dr. Kurt Stenmark</td>
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<td>1:35</td>
<td><strong>Right Ventricular Therapeutic Targets</strong></td>
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<td>Dr. Andrew Redington</td>
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<td>2:00</td>
<td><strong>Cell Based Therapies</strong></td>
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<td>Dr. Duncan Stewart</td>
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<td>2:20</td>
<td><strong>Inflammation in the Setting of BMPR2 Insufficiency</strong></td>
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<td>Drs. Mark Nicolls and Amy Tian</td>
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<td>2:40</td>
<td><strong>Break</strong></td>
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### SESSION 5: LYMPHATICS: The Forgotten Circulation
Moderators: Drs. Rolf Berger and Shahin Moledina

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<tr>
<td>3:00</td>
<td><strong>Lymphatic Abnormalities in CHD Resulting in Pulmonary Overcirculation</strong></td>
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<td>Dr. Sanjeev Datar</td>
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<tr>
<td>3:20</td>
<td><strong>Lymphatic Abnormalities in Single Ventricle Physiology</strong></td>
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<td>Dr. Vibeke E. Hjortdal</td>
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<td>3:40</td>
<td><strong>Lymphatic Interventions in CHD</strong></td>
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<td>Dr. Yoav Dori</td>
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### SESSION 6: ROUND TABLE DISCUSSION: PH IN LEFT HEART DISEASE
Moderators: Dr. Maria Del Cerro and Hythem Nawaytou

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<th>Time</th>
<th>Topic</th>
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<tbody>
<tr>
<td>4:00</td>
<td>PH in Left Heart Disease</td>
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<tr>
<td>5:30 pm</td>
<td>Adjourn</td>
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SATURDAY, MARCH 7th, 2020

7:00 am  Continental Breakfast

SESSION 7: CONGENITAL HEART DISEASE
Moderators: Drs. Ted Kirkpatrick and Satish Rajagopal

8:00  Hemodynamic Forces: Translating Natural History into Mechanisms of Disease
      Dr. Jeff Fineman

8:20  Patient Selection and Markers of Reversibility
      Dr. Rolf Berger

8:40  Eisenmengers: An Update
      Dr. Alex Opotowsky

9:00  Treat and Repair
      Dr. Hythem Nawaytou

9:20  Surgical Reconstruction of the Pulmonary Circulation
      Dr. Mohan Reddy

9:40  Break

SESSION 8: SCIENTIFIC SESSION INCLUDING ABSTRACT POSTER SYMPOSIUM
(Abstracts will be published in *Pulmonary Circulation*)

(10:00 am – 1:15 pm General Session Room)
Moderators: Drs. Steve Abman and Stephen Archer

10:00  Poster Viewing

10:45  The Year in Review: Basic Science
      Dr. Cristina Alvira

11:15  The Year in Review: Clinical Science
      Dr. Maurice Beghetti

11:45  Platform Sessions: Brief Poster Oral Discussions
SATURDAY, MARCH 7th, 2020

1:00 pm  
Lunch on Your Own

2:30  
PRO/CON Debate: Potts vs. Transplant as a First Choice Palliation  
Drs. George Mallory and Mark Grady

SESSION 9: Advances in Imaging  
MODERATORS: Drs. Shahin Moledina and Elena Amin

3:00  
Molecular Imaging of the Pulmonary Endothelium  
Dr. Jocelyn Dupuis

3:20  
Synchrotron Imaging of the Pulmonary Microvasculature  
Dr. Karin Tran Lundmark

3:40  
Cardiac MRI to Assess Physiology of Pulmonary Hypertension  
Dr. Vivek Muthurangu

4:00  
Break

4:15  
Case Presentations  
Moderators: Drs. Delphine Yung and Mary Mullen

5:15 pm  
Closing Remarks and Adjourn