



# 4<sup>th</sup> International Conference on Cardiomyopathy in Children

May 18-19, 2017  
Bethesda North Marriott Hotel and Conference Center, MD

Thursday, May 18, 2017

7:30 am	<b>Continental Breakfast</b>
8:00 am – 8:30 am	Opening Remarks: Steven E. Lipshultz, MD and Lisa Yue, CCF founding executive director
8:30 am – 9:30 am	<b>Session 1: New Heart Failure Targets</b> Session Leaders: Daphne Hsu, MD and Paul Kantor, MBBCh, DCH <ul style="list-style-type: none"><li>• Mitochondrial remodeling Dan Bernstein, MD (Mayo Clinic)</li><li>• Neurohormonal targets: Entresto, Serelaxin, tolvaptan Robert Shaddy, MD (CHOP)</li><li>• Non-cardiac targets to treat heart failure in children: exercise, nutrition, anemia. Beth Kaufman, MD (Stanford)</li><li>• Panel Discussion</li></ul>
9:30 am – 10:40 am	<b>Session 2: Optimizing donor quality for pediatric heart transplantation</b> Session Leaders: Steven Webber, MD and Michael Burch, MB ChB, MD <ul style="list-style-type: none"><li>• Clinical and echocardiographic risk assessment of donor quality Anne Dipchand, MD (Hospital for Sick Children)</li><li>• Serum biomarkers of primary graft failure Charles Canter, MD (Washington University in St. Louis)</li><li>• Pharmacologic resuscitation of donors – old tricks, new twists Steve Webber, MBChB, MRCP (Vanderbilt University)</li><li>• Continuous donor perfusion for heart preservation Richard Kirk, MA MB BChir (Newcastle Upon Tyne)</li><li>• Panel Discussion</li></ul>
10:40 am – 10:50 am	<b>Break</b>
10:50 am – 11:50 am	<b>Session 3: Current controversies in diagnosis and management</b> Session Leader: Steve Colan, MD <ul style="list-style-type: none"><li>• Management and indications for transplant in restrictive cardiomyopathy Elizabeth Blume (Boston Children's)</li><li>• Evidence concerning efficacy of exercise restriction in hypertrophic cardiomyopathy Mark Friedberg (RAND Corporation)</li><li>• Indications for primary prevention ICD implantation in children with hypertrophic cardiomyopathy Dominic Abrams. MD (Boston Children's)</li><li>• Panel Discussion</li></ul>

11:50 am – 12:50 pm

**Session 4: New cutting-edge topics that including studies/approaches leading to future pathophysiologic understanding of the diseases**

Session Leader: Jeffrey Towbin, MD

- Scientific basis of overlapping syndromes: cardiomyopathy and arrhythmias.  
Jeffrey Towbin, MD (University of Tennessee)
- Scientific basis of overlapping syndromes: cardiomyopathy and congenital heart disease.  
Weinian Shou, PhD (Indiana University)
- New insights into hemato-onco-cardiology.  
-Jean Ballweg, MD (University of Tennessee)
- Cardio-renal interactions and diseases.
- Genes and proteins: the mechanisms of cardiomyopathies.  
Jeffrey Saffitz, MD, PhD (Harvard)

12:50 pm – 1:50 pm

**Lunch**

1:50 pm – 3:10 pm

**Session 5: State-of-the-art current knowledge**

Session Leader: Melanie Everitt, MD and Robert Weintraub, MB.BS

- Age and Gender Differences in Response to Heart Failure Medications in Children: Evidence for What Works and Impact for Future Trials  
Carmen Sucharov, PhD (University of Colorado)  
Shelley Miyamoto, MD (University of Colorado)
- Risk Stratification in Pediatric Hypertrophic Cardiomyopathy: Insights for Bridging the Evidence Gap?  
Shaji Menon, MD (Primary Children's Hospital)
- Implantable Cardiac Defibrillators in Pediatric Hypertrophic Cardiomyopathy: Programming to Avoid Inappropriate Shocks—Should There be a Different Threshold for Primary vs. Secondary Prevention  
Anne Dubin, MD (Stanford)
- ICDs and Biventricular Pacing in Pediatric Dilated Cardiomyopathy: Preventing Death and Delaying Heart Transplant  
Charles Berul, MD (Children's National)
- Exercise Training for Children with Cardiomyopathy  
Philip Thrush, MD (Lurie Children's Hospital)
- Panel Discussion

3:10 pm – 3:20 pm

**Break**

3:20 pm – 5:25 pm

**Young Investigator Abstracts**

Moderator: James Wilkinson, MD

5:30 pm – 8:30 pm

**Dinner**

**Friday, May 19, 2017**

7:30 am

**Continental Breakfast**

8:00am – 8:50 am

**Session 6: Update on ventricular assist devices and PumpKIN trial**

Session Leader: Charles Canter, MD

- Pumpkin status  
William Mahle, MD (Emory)
- Contemporary trends in VAD us in pediatric dilated cardiomyopathy: insights from PEDIMACs  
David Rosenthal, MD (Stanford)

8:50 am – 10:00 am	<ul style="list-style-type: none"> <li>• VADs as a tool for myocardial recovery Christina VanderPluym (Boston)</li> <li>• Utilization of VADs in restrictive and hypertrophic cardiomyopathy Angela Lorts, MD (Cincinnati Children's)</li> </ul> <p><b>Session 7: Gene-directed therapies</b></p>
	<p>Session Leader: Wendy Chung, MD</p>
10:00 am – 10:10 am 10:10 am – 11:00 am	<ul style="list-style-type: none"> <li>• Novel gene discoveries in pediatric cardiomyopathy: Stephanie Ware, MD, PhD (Indiana University) Teresa Lee, MD (Columbia)</li> <li>• Prevention of cardiomyopathy in genetically at-risk individuals Carolyn Ho (Brigham and Women's Hospital)</li> <li>• Molecular treatment of genetic cardiomyopathies Christine Seidman, MD (Harvard)</li> <li>• Panel Discussion</li> </ul> <p><b>Break</b></p> <p><b>Session 8: Development of new translationally-derived diagnostic markers and new targeted therapies</b></p>
	<p>Session Leader: John Lynn Jefferies, MD</p>
	<ul style="list-style-type: none"> <li>• The use of microRNAs in the diagnosis of heart failure Jeffrey Robbins, PhD (CCHMC)</li> </ul>
	<p>Derived biomarkers panelists:</p>
	<p>Michael Taylor, MD (Cincinnati Children's)</p>
	<ul style="list-style-type: none"> <li>• Targeting protein kinase C: A novel paradigm for heart failure therapy John Lynn Jefferies, MD (Cincinnati Children's)</li> </ul>
	<p>New targeted therapies panelists:</p>
	<p>Steven Colan, MD (Boston Children's)</p>
11:00 am – 11:45 am	<p><b>Session 9: Pediatric Cardiomyopathy Registry biomarker and genetics studies</b></p>
	<p>Session Speaker: James D. Wilkinson, MD, MPH</p>
	<p><b>Lunch</b></p>
11:45 am – 12:45 pm	<p><b>Session 10: Designing reliable clinical microsystems centered around the needs of cardiomyopathy children and their families</b></p>
12:45 pm – 1:55 pm	<p><i>(Four 10-minute presentations and 30-minute panel discussion = 70 minutes)</i></p>
	<p>Session Leader: Paul Barach, MD</p>
	<p>Presenters:</p>
	<ul style="list-style-type: none"> <li>• Helen Haskell, MA, IHI Board Member and President (Mothers Against Medical Errors)</li> </ul>
	<ul style="list-style-type: none"> <li>• Julie Johnson, PhD, (Feinberg School of Medicine, Northwestern University)</li> </ul>
	<ul style="list-style-type: none"> <li>• Lawrence C. Kleinman, MD, MPH, (Case Western)</li> </ul>
	<p>Panel Discussion</p>
1:55 pm – 3:00 pm	<p>Conference Wrap Up: Steven E. Lipshultz, MD</p>
3:00 pm	<p>Conference Adjournment</p>