

**Clubs are open to all attendees at no additional fee.
Some clubs are held at the Hawaii Convention Center (HCC),
while others are held at the Hilton Hawaiian Village Hotel.**

Saturday, May 3

7:15pm–8:30pm

3920A Neonatal Hemodynamics Club

Hilton Hawaiian Village, TapaCC–Tapa Ballroom I

Target Audience: Neonatologists as well as cardiologists and pediatric intensivists involved in the care of the newborn and investigators with a focus on cardiovascular physiology in general and developmental hemodynamics in particular.

Objectives:

- To review the physiology of cardiovascular transition to extrauterine life
- To discuss the mechanisms of adaptation to transition with a special focus on cerebral oxygen delivery and consumption
- To examine the clinical relevance of the hemodynamic findings obtained in animal models and human neonates

Chair: Istvan Seri, Children's Hospital Los Angeles, University of Southern California, Los Angeles, CA

7:15 Introduction

Istvan Seri, Children's Hospital Los Angeles, University of Southern California, Los Angeles, CA

7:25 Blood Flow in Neonates: Science and Art?

Michael Weindling, Professor of Pediatrics, University of Liverpool, UK
This program will discuss the most recent information on organ blood flow changes in neonates at the transition from the intrauterine to the extrauterine environment. There will be special focus on cerebral perfusion and oxygen delivery. Reference will be made to data obtained from various species using a variety of technologies. The relevance on these observations on clinical practice will be stressed.

8:10 Discussion

Sponsored by unrestricted educational grant from Dey, L.P.

Contact for information:

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Children's Hospital Los Angeles and Women's and Children's Hospital,
University of Southern California
Phone: 323-669-5923
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Sunday, May 4

11:30am–12:45pm

4555A Directors of Research in Pediatrics

HCC, Room 304B

Chair: Nina F. Schor, University of Rochester Medical Center, Rochester, NY

Challenges of Pediatric Research Involving Special Populations and Locations

Bruce T. Shiramizu, University of Hawaii, Honolulu, HI

Box lunches provided.

Sponsored by the William H. Eilinger endowment, Golisano Children's Hospital at the University of Rochester Medical Center

Contact for information:

Nina F. Schor, MD, PhD
University of Rochester Medical Center
Phone: 585-275-4673
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11:30am–1:00pm

4560A Milk Club

HCC, Room 314

Vitamin D Requirements During Lactation

Carol L. Wagner, Medical University of South Carolina, Charleston, SC

Pasteurized Breastmilk as a Replacement Food for Babies of HIV Infected Mothers

Caroline J. Chantry, University of California, Davis, CA

Contact for information:

Cynthia R. Howard MD, MPH
Rochester General Hospital
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11:30am–1:00pm

4565A Perinatal Brain Club

**Therapeutic Hypothermia—A Balancing Act
Between Considering it Standard of Care Versus
the Critical Need for Further Investigation—Is it
Possible to Meet Both Agendas?**

HCC, Ballroom B

Planning Future Studies- Is it Possible to Balance Against the Push for Standard of Care Approach?

Jeffrey Perlman, Weill Cornell Medical College, New York, NY

Cooling During Transport-What are the Challenges?

Karen Fairchild, University of Virginia Children's Hospital, Charlottesville, VA

Ethical Concerns

William Meadow, University of Chicago, Chicago, IL

Contact for information:

Jeff Perlman, MB Ch B
Weill Cornell Medical College Phone: 212-746-3530
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12:00pm–1:15pm

4570A Neonatal Sepsis Club
What Should “U” Be Doing with Ureaplasma in your NICU?



12:00 Welcome

Ofer Levy, Harvard Medical School, Boston, MA

12:05 Where Does All the Animal Research Lead Us?

Rose Viscardi, University of Maryland, Baltimore, MD

12:25 The Preterm Side of the Story

Robert Schelonka, University of Alabama, Birmingham, AL

12:45 Discussion

Box Lunches will be provided.

Sponsored by unrestricted educational grant from Ovation Pharmaceuticals

Contact Information

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Monday, May 5

7:00am–8:30am

5050A NICU Follow Up Club

HCC, Room 314

Moderators: Ricki Goldstein, MD and Sonia Imaizumi, MD

Oxygen Versus Diuretics for Chronic Lung Disease After Discharge: Is There a Right Choice?

Augusto Sola, Morristown Memorial Hospital, Morristown, NJ and

Michael J. Acarregui, University of Iowa, Iowa City, IA

Breakfast will be provided.

Sponsored by a grant from Abbott Nutrition

Contact for Information:

Jim Couto, MA

American Academy of Pediatrics

Phone: 847/434-7656

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7:00am–11:00am

5055A Bilirubin Club

Hilton Hawaiian Village, TapaCC–Iolani Suite 2-3

Contact for Information:

Vinod K Bhutani, MD

Stanford University School of Medicine

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e-mail: bhutani@stanford.edu

12:00pm–1:30pm

5415A Bioethics Interest Group

HCC, Room 315

Chair: William Meadow, University of Chicago, Children’s Hospital, Chicago, IL

Is There a Social Obligation to Provide Health Care for Children?

Douglas S. Diekema, University of Washington School of Medicine, Seattle, WA and

Kenneth Kipnis, University of Hawaii at Manoa, Honolulu, HI

Contact for information:

Susan Albersheim, MD, PhD

Children’s and Women’s Health Center of

British Columbia

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12:15pm–1:15pm

5432A Perinatal Nutrition and Metabolism Club

HCC, Ballroom C

Objective:

– To provide information regarding current and developing strategies for optimizing lipid nutrition in preterm infants.

Chair: Patti Thureen, University of Colorado Health Sciences Center and Brenda Poindexter, Indiana University School of Medicine

Of the major macronutrients, lipid administration practices are the most variable. This talk reviews clinical and basic science issues surrounding both parenteral and enteral lipid administration. The “myths” pertaining to the evidence for stopping lipids in the face of hyperbilirubinemia, sepsis, and other stresses will be discussed, as will the human and animal data regarding the safety of parenteral lipid administration in infants with lung disease, pulmonary hypertension, and cholestasis.

There will also be a discussion of the fact that currently there is insufficient provision of enteral omega 3 fatty acids, and there may be an inadequate balance of omega-3 to omega-6 fatty acids in current TPN solutions in very low birth weight infants early in their hospital course. Emerging research regarding the role of enteral lipids in preterm infants, and the development of new emulsions containing fish oil will be reviewed.

Lipid use in the NICU: Do we have our Fats Straight?

Josef Neu, University of Florida, Gainesville, FL

Sponsored by a restricted educational grant from Abbott Nutrition

Contact for information:

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The Children’s Hospital of Denver

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12:15pm–1:15pm

5434A 25th Annual Audrey K. Brown Kernicterus Symposium
HCC, Ballroom B

Moderators: David K. Stevenson, Stanford University School of Medicine, Stanford, CA; William J. Cashore, Women and Infants Hospital of Rhode Island, Providence, RI; and Vinod K. Bhutani, Stanford University School of Medicine, Stanford, CA

Bilirubin Unbound: Aloha!

William Oh, Brown Medical School, Providence, RI

Audrey K. Brown Kernicterus Symposium Awardee to be Announced at the Symposium

Contact for information:

David K. Stevenson

Stanford University School of Medicine

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6:45pm–8:00pm

5935A Lung Club

Hilton Hawaiian Village, TapaCC–Tapa Ballroom II

Target Audience: Target audience will be international physicians and investigators with clinical and research interest in the pulmonary circulation and oxidant stress.

Objectives:

- Review the pathophysiology of PPHN and cellular pathways that determine nitric oxide production and response
- Determine a potential role for oxidant stress in PPHN
- Review preclinical data on potential new therapies for PPHN that may reduce oxidant stress

Chairs: Roberta A. Ballard, MD, University of California, San Francisco, CA and Richard J. Martin, M.D., Rainbow Babies & Children's Hospital, Cleveland, OH

Goldilocks and the Oxygen Conundrum

Robin H. Steinhorn, Northwestern University Medical School, Chicago, IL

This program will be a lecture that will focus on the role of oxidant stress in the pathophysiology of neonatal lung diseases, and will specifically address its role in hypoxemic respiratory failure and persistent pulmonary hypertension of the newborn. Potential strategies to reduce oxidant stress will be discussed, as well as preclinical data on antioxidant therapeutic approaches.

Given the widespread use of high oxygen concentrations in the treatment of respiratory failure, there is a need for a comprehensive update in the role of oxidant stress in the pathophysiology of neonatal lung diseases. Filling this need will allow for a better understanding of how to use oxygen and other therapies to avoid oxidant stress, as well as lead to the development of new therapies.

Sponsored by a restricted educational grant from Abbott Nutrition

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