



International Pediatric Hypertension Association

About the International Pediatric Hypertension Association

Hypertension, which is estimated to affect more than 50 million Americans and is a leading cause of cardiovascular disease, end-stage renal disease and cerebrovascular accidents, commonly has its origin in childhood. Although hypertension and associated end-organ damage occur more commonly in adults, hypertension and its resultant complications have far earlier antecedents. The International Pediatric Hypertension Association (IPHA) is a multispecialty, multidisciplinary group of health care providers and scientists committed to delineating the origins and manifestations of hypertension in children and improving the care of children and young adults affected by this condition. Toward that end, IPHA has established a three-fold mission to:

- foster and maintain an open forum among pediatric hypertension healthcare professionals worldwide;
- participate in research initiatives promoting improved treatment of the hypertensive patient;
- educate healthcare professionals and the lay public about the ramifications of childhood hypertension.

Please join us in Baltimore, where the International Pediatric Hypertension Association (IPHA) and the Pediatric Academic Societies (PAS) will, for the fourth year, host aligned meetings. Joint symposia and original science will be held at the Baltimore Convention Center. The Hilton Baltimore Convention Center Hotel will host the IPHA general meeting on Monday, May 4 from 6:00pm-7:00pm.

Registration Information

A registration fee set by the PAS is required to attend any PAS activities at the Baltimore Convention Center.

Continuing Education

Continuing Education is through the PAS. See page 3 for complete information.

Saturday, May 2

12:15pm-1:00pm

2475A ASPN Literature Review Workshop

ASPN Workshop

Baltimore Convention Center ~ Room 316

Target Audience: Clinical and research fellows in pediatric nephrology and members of the American Society of Pediatric Nephrology.

Objectives:

- Better able to understand impact factors for journals and citation indexes
- Understand methods used to assess the strengths and weaknesses of clinical research papers using a variety of study designs

Chair: Michel Baum, University of Texas Southwestern, Dallas, TX

This lunch session will be chaired by the Co-Editor of Pediatric Nephrology. He will give a 5 minute introduction on the selection of articles from 2008 Pediatric Nephrology for review (each had multiple citations in the last 12 months). He will explain citation index, and impact factors for journals. Three articles selected from Pediatric Nephrology in 2008 will be reviewed. Each review will be structured to include an introduction to the issue at hand, an analysis of the strengths and weaknesses of the paper, and a summary of what can be concluded. Authors of each paper will be invited as discussants.

12:15 Overview

Michel G. Baum, University of Texas Southwestern, Dallas, TX

12:20 NGAL Is an Early Predictive Biomarker of Contrast Induced Nephropathy in Children

ASPN Trainee

12:30 Cyclosporin A Is Superior to Cyclophosphamide in Children with SRNS

ASPN Trainee

12:40 Rituximab Therapy for Juvenile-Onset Systemic Lupus Erythematosus

ASPN Trainee

12:50 Discussion

Supported by an unrestricted educational grant from the International Pediatric Nephrology Association

Sunday, May 3

8:00am-10:00am

3075 The Renin-Angiotensin-Aldosterone System in 2009

Topic Symposium

Baltimore Convention Center ~ Room 316

Target Audience: Pediatric nephrologists, pediatric cardiologists, pediatric endocrinologists.

Objectives:

- Have an improved understanding of the role of aldosterone receptors in the regulation and management of hypertension
- Have an understanding of the role that ACE-2 inhibition plays in the management of hypertension
- Have an understanding of the role that direct renin inhibition plays in the management of hypertension
- Have an appreciation for the role of dual inhibition of the RAS in the management of hypertension

Chairs: Stephen R. Daniels, The Children's Hospital, Denver, CO and Julie R. Ingelfinger, Massachusetts General Hospital, Boston, MA

Recent work in the field of hypertension relates to understanding the hormonal regulation of blood pressure through the Renin-Angiotensin-Aldosterone System (RAAS) and the therapeutic manipulation of blood pressure via this system. In this session, we will hear about newer aspects of the RAAS. Attention toward the basic science of this hormonal pathway will be emphasized. There will also be discussion of the impact of these newer discoveries on the management of hypertension in the clinical setting.

8:00 Overview

Julie R. Ingelfinger, Massachusetts General Hospital for Children, Boston, MA

8:05 Aldosterone Receptors and Their Role in Hypertension: Aldosterone Receptor Antagonists

Sara Pasquali, Duke University Medical Center, Durham, NC

8:30 ACE-2: a New Player in the RAS: Implications for New Targets and Approaches. Early Data with ACE-2 Inhibition

Daniel C. Batlle, Northwestern University Medical School, Chicago, IL

8:55 Direct Renin Inhibition

Helmy M. Siragy, University of Virginia Health System, Charlottesville, VA

9:20 Remission Clinics: Multi-drug Therapy Including Blockade of the RAAS

Piero Ruggerenti, Mario Negri Institute for Pharmacological Research, Bergamo, Italy

9:45 Discussion

Program developed by the American Society of Pediatric Nephrology, International Pediatric Hypertension Association and Pediatric

4:00pm-7:30pm

Commercial Exhibits Open and Posters Available for Viewing

Baltimore Convention Center

Exhibits - Hall F & G

Posters - Hall D & E

Posters Available for Viewing: 4:00pm-7:30pm

Author Attendance: 5:30pm-7:30pm

International Pediatric Hypertension Association

5:30pm–7:30pm

Poster Session II

Baltimore Convention Center

Exhibits – Hall F & G

Posters – Hall D & E

Posters Available for Viewing: 4:00pm–7:30pm

Author Attendance: 5:30pm–7:30pm

Course #	Topics	Board #s
3850	Hypertension	1-6
3857	NO & Pulmonary Hypertension	82-101

Refer to PAS Daily Programming for complete details.

Monday, May 4

9:00am–1:00pm

Commercial Exhibits Open and Posters Available for Viewing

Baltimore Convention Center

Exhibits – Hall F & G

Posters – Hall D & E

Posters Available for Viewing: 9:00am–1:00pm

Author Attendance: 10:15am–12:15pm

10:15am–12:15pm

Poster Session III

Baltimore Convention Center

Posters – Hall D & E

Posters Available for Viewing: 9:00am–1:00pm

Author Attendance: 10:15am–12:15pm

Course #	Topics	Board #s
4340	Cardiovascular Disease: Systemic & Pulmonary Hypertension	204-211

Refer to PAS Daily Programming for complete details.

10:15am–12:15pm

4305 Usefulness of Ambulatory Blood Pressure Monitoring (ABPM)

Topic Symposium

Baltimore Convention Center ~ Room 316

Target Audience: Pediatric cardiologists, pediatric nephrologists, pediatric endocrinologists, general pediatricians.

Objectives:

- Understand the interpretation of ABPM findings in the clinical research setting
- Review the consensus statement on the use of ABPM findings
- Appreciate the value and usefulness of ABPM studies in the context of masked HTN
- Appreciate the value and usefulness of ABPM studies in the context of white coat HTN and its relation to target organ damage

Chairs: Mark Mitsnefes and Elaine M. Urbina, Cincinnati Children's Hospital Medical Center, Cincinnati, OH

Ambulatory blood pressure monitoring (ABPM) is a technology utilized by many who take care of children and adolescents with hypertension. Much has been learned about its usefulness in both the clinical and research settings as we further refine our care of pediatric patients with HTN. In this session, we intend to provide an overview of the use of ABPM in the clinical setting and discuss its application in the context of the clinical research arena. The most recent consensus report will be reviewed to provide the audience with an up-to-date understanding of the use of ABPM. Two clinical areas of HTN that may be diagnosed with ABPM include white coat HTN and masked HTN. These areas will be reviewed as well, paying particular attention to the use of ABPM while assessing for target organ disease.

10:15 Overview

Elaine M. Urbina, Cincinnati Children's Hospital Medical Center, Cincinnati, OH

10:20 Interpretation of ABPM and Its Usefulness in the Clinical Research Setting

Joshua Samuels, University of Texas Medical School, Houston, TX

10:45 A Review of the Recent Consensus Statement on the Use of Ambulatory Blood Pressure Monitoring (ABPM) in Children and Adolescents

Bruce Stephen Alpert, LeBonheur Children's Medical Center, Memphis, TN

11:10 Experience with ABPM in Masked HTN

Empar Lurbe, General Hospital, University of Valencia, Valencia, Spain

11:35 Experience with ABPM in White Coat HTN and Target Organ Disease

Marc Lande, Strong Memorial Hospital, Rochester, NY

12:00 Discussion

Program developed by the American Society of Pediatric Nephrology, International Pediatric Hypertension Association and Pediatric Academic Societies

2:00pm–4:00pm

From the Bench to the Bedside: Issues in Pediatric Hypertension Platform Session

Baltimore Convention Center ~ Room 317

Refer to PAS Daily Programming for complete details.

6:00pm–7:00pm

4940A IPHA General Business Meeting

Hilton Baltimore ~ Peale A/B

All current IPHA members as well as other interested individuals are invited to join us for discussion of current and upcoming IPHA activities.

Tuesday, May 5

12:15pm–2:00pm

Poster Session IV

Baltimore Convention Center

Posters – Hall D & E

Course #	Topics	Board #s
5512	Pulmonary Hypertension	215 - 219

Refer to PAS Daily Programming for complete details.

Visit the International Pediatric Hypertension Association at www.pediatrichypertension.org For IPHA information, contact:

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