Future ASH Annual Scientific Meeting Dates:

Saturday, May 17, 2014 – Tuesday, May 20, 2014
Hilton New York

Saturday, May 16, 2015 – Tuesday, May 19, 2015
Hilton New York

Saturday, May 14, 2016 – Tuesday, May 17, 2016
Hilton New York
Letter from the President and Program Committee Chair

Dear Colleague,

On behalf of the Board of Directors of the American Society of Hypertension, Inc. (ASH), I am pleased to welcome you and cordially invite you to join us at the ASH Twenty-Eighth Annual Scientific Meeting and Exposition. The meeting will be held at the San Francisco Marriott Marquis, May 15–18, 2013. The theme of this year’s Scientific Meeting is: Blood Pressure Targets and the Impact of the Clinical Trial.

The 2013 Annual Scientific meeting topics are organized around three (3) concurrent themes: Translational Issues in Hypertension, Therapy of Hypertension and Pathobiology of Hypertension.

The Scientific Sessions feature several innovative components designed to enhance the translation of basic and applied research into effective hypertension prevention and treatment strategies.

- **Hypertension Highlights 2013** – Wednesday, May 15, 2013
  Hypertension Highlights is a full-day program dedicated to educating clinicians and scientists about some of the most interesting, controversial and evolving topics in the field. The program will include state-of-the-art presentations on Hypertension and the Brain, Obesity and Cardiometabolic Diseases and Modulators of Blood Pressure and Vascular Function. It is an ideal update for Hypertension Specialists and those wishing to become specialists in the field.

- **Plenary Session I** – Thursday, May 16, 2013
  The Keynote speaker for the opening session will be Thomas Fleming, PhD, Professor and Chair, Biostatistics, University of Washington, Seattle, WA. Dr. Fleming will speak about the “Successes and Pitfalls of Primary and Secondary Prevention Trial Data in Hypertension and Vascular Diseases.” Following Dr. Fleming’s lecture will be Daniel B. Mark, MD, MPH, Professor of Medicine, Vice Chief for Academic Affairs, Division of Cardiology, Department of Medicine at Duke University Medical Center, Durham, NC and Editor, American Heart Journal, presenting a lecture on “The Importance of Studying Cost-effectiveness and Use of Medical Resources within the Trial.” William C. Cushman, MD, Professor of Preventive Medicine and Medicine at the University of Tennessee College of Medicine in Memphis and Chief, Preventive Medicine Section, Veterans Affairs Medical Center, Memphis, TN will present a lecture entitled “What is the Rationale and Importance of SPRINT When We Have the Results of ACCORD?” Dr. David J. Magid, MD, MPH, Associate Professor of Medicine, University of Colorado Health Sciences Center and Director of Research – Colorado Permanente Medical Group, will address the topic of “Outcomes in Cardiovascular Clinical Research: The Patient-Centered Approach.”

- **Plenary Session II** – Friday, May 17, 2013
  The ASH Distinguished Scientist Award, Young Scholar Award and Marvin Moser Clinical Hypertension Award will be presented in Plenary Session II – the ASH Awards Session.

- **Special Session on How to Use the NUCC Taxonomy Code to your Advantage** – Friday, May 17, 2013
  This session will provide information important to your practice on how to understand and use the National Uniform Claim Committee Hypertension Specialist Taxonomy Code. Nancy Spector, BSN, MSC, Director, Electronic Medical Systems, American Medical Association, Chicago, IL and Gail S. Kocher, MPA, NUCC Code Subcommittee Co-Chair, Chicago, IL will participate in a panel discussion moderated by George L. Bakris, MD on proper use and billing as a Hypertension Specialist.

- **Young Investigator-in-Training Abstract Competition** – Wednesday, May 15, 2013
  Trainees submitting the highest ranking abstracts to the meeting will present their work orally in a special session and compete for cash prizes. This highlighted session is consistent with ASH’s goal to foster and facilitate the training of young and new investigators in hypertension.

- **Hypertension for the Primary Care Clinician** – Friday, May 17 and Saturday May 18, 2013
  This program will address commonplace questions that face clinicians in day-to-day care of hypertension including hypertension management, special populations, home and ambulatory blood pressure monitoring and the practical application of guidelines.

- **Debates** – Thursday, May 16 and Friday, May 17, 2013
  This year there are several debates on controversial topics of relevance to Hypertension Specialists.

- **Joint Society Sessions**
  Educational sessions resulting from the partnership with other societies, both national and international (e.g., AHA, ACC, ASN, and ESH to name a few), focused on the topic of hypertension and cardiovascular disease will enhance and broaden the scope of the ASH 2013 Meeting.

- **New This Year – Joint Meetings with ISHIB**
  ASH and the International Society on Hypertension in Blacks (ISHIB) have forged an agreement to convene our annual conferences in May 2013 in San Francisco, with the ISHIB program to overlap with the 2013 ASH Annual Scientific Meeting. The collaboration will benefit both societies in supporting our similar goals of improving the treatment of hypertension and advancing knowledge related to the disease; affording sponsors and attendees the convenience of taking in two meetings while only arranging travel to a single location. The societies believe that the extended education and exposure to members and sponsors, respectively, will establish added value for all participants that plan to attend both meetings.

- **Sponsored Satellite Symposia and Exhibits**
  The Society will also sponsor a industry-supported Satellite Symposia which will introduce novel approaches to antihypertensive and device therapies. The ASH Hypertension Resource Pavilion will host many informative scientific, technical, periodical and book exhibits designed to support you in your mission of providing the latest in care for your hypertensive patients.

I look forward to seeing you in San Francisco.

Sincerely,

William B. White, MD, FASH
ASH President and Chair, 2013 Scientific Program Committee
About The American Society of Hypertension, Inc.

The American Society of Hypertension, Inc., (ASH) is the largest organization of hypertension researchers and health care providers in the United States committed to eliminating hypertension and its consequences. ASH has a domestic and international membership of basic science and clinical investigators, physicians, physician assistants, nurse practitioners and pharmacists, as well as other individuals with a scientific interest in hypertension.

The primary mission of the Society is to improve the care of patients with hypertension and associated disorders by:

- **Enhancing** the education and treatment of patients with hypertension
- **Educating** health care professionals regarding hypertension and current prevention and treatment strategies
- **Assisting** health care professionals in addressing the challenges of the modern-day care of patients with hypertension
- **Advocating** public policy that ensures patient access to high quality hypertension care and supports increased hypertension research
- **Facilitating** communication and collaboration among providers, investigators, policymakers, and patients in areas relating to hypertension and vascular health
- **Promoting** the career development of researchers in hypertension and associated disorders, including research in the pathobiology, prevention, diagnosis, treatment, and psychosocial aspects of hypertension

The American Society of Hypertension, Inc. is an accredited provider of Continuing Medical Education (CME) by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

For more information contact the American Society of Hypertension, Inc. at:

**American Society of Hypertension, Inc.**  
45 Main Street, Suite #712  
Brooklyn, New York 11201  
Telephone: 212-696-9099  
Fax: 347-916-0267  
E-mail: ash@ash-us.org  
Website: www.ash-us.org

**Past Presidents of the American Society of Hypertension, Inc.**

<table>
<thead>
<tr>
<th>Name</th>
<th>Years</th>
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<tbody>
<tr>
<td>John H. Laragh, MD</td>
<td>First President</td>
</tr>
<tr>
<td>Edward G. Biglieri, MD</td>
<td>President 1988 – 1990</td>
</tr>
<tr>
<td>Jay N. Cohn, MD</td>
<td>President 1990 – 1992</td>
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<tr>
<td>Louis Tobian, MD</td>
<td>President 1992 – 1994</td>
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<tr>
<td>Barry M. Brenner, MD</td>
<td>President 1994 – 1995</td>
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<tr>
<td>Lawrence R. Krakoff, MD</td>
<td>President 1995 – 1996</td>
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<tr>
<td>Michael H. Alderman, MD</td>
<td>President 1996 – 1998</td>
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<tr>
<td>Theodore W. Kurtz, MD</td>
<td>President 2000 – 2002</td>
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<tr>
<td>Haralambos Gavras, MD</td>
<td>President 2002 – 2004</td>
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<tr>
<td>Thomas D. Giles, MD</td>
<td>President 2004 – 2006</td>
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<tr>
<td>Jean E. Sealey, DSc</td>
<td>President May 19, 2006</td>
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<tr>
<td>Suzanne Oparil, MD</td>
<td>President 2006 – 2008</td>
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<td>Henry R. Black, MD</td>
<td>President 2008 – 2010</td>
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<td>George L. Bakris, MD</td>
<td>President 2010 – 2012</td>
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# 2013 Scientific Program Committee

**Pathobiology of Hypertension**

<table>
<thead>
<tr>
<th>Chair</th>
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<tr>
<td>Ernesto L. Schiffrin, MD, PhD</td>
<td>Allyn L. Mark, MD</td>
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<td>Robert M. Carey, MD</td>
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<td>David M. Pollock, PhD</td>
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**Translational Issues in Hypertension**

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<tr>
<td>Ronald G. Victor, MD</td>
<td>Paul K. Whelton, MB, MD, MSc</td>
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<td>Rajiv Agarwal, MD, FASH</td>
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<td>Christopher S. Wilcox, MD, PhD</td>
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**Therapy of Hypertension**

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<tr>
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<tr>
<td>Domenic A. Sica, MD, FASH</td>
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<td>David A. Calhoun, MD, FASH</td>
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<td>Alan H. Gradman, MD, FASH</td>
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**Primary Care**

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<tr>
<td>Jan N. Basile, MD, FASH</td>
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<tr>
<td>Louis Kuritzky, MD, Co-Chair</td>
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<tr>
<td>Michael J. Bloch, MD, FASH</td>
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<td>Anthony J. Viera, MD</td>
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## ASH 2013 Important Dates

- **January 21 – March 22, 2013**
  - ASH Fellowship Program Accepting Applications
- **March 7, 2013**
  - Late-Breaking Abstract Submission Deadline
- **March 15, 2013**
  - ASH Specialist Examination Application Deadline
- **April 3, 2013**
  - Advance Registration and Housing Deadline
- **April 23, 2013**
  - Housing Cancellation Deadline
- **April 23, 2013**
  - Registration Cancellation Deadline
- **May 4 – 18, 2013**
  - ASH Specialist Program 2013 Clinical Hypertension Examination Testing Period
- **May 15 – 18, 2013**
  - ASH 28th Annual Scientific Meeting and Exposition
- **May 15, 2013**
  - Hypertension Highlights 2013
- **May 17 – 18, 2013**
  - Hypertension for the Primary Care Clinician Curriculum
- **May 17 – 19, 2013**
  - ISHIB Meeting

*See ASH website for more information, www.ash-us.org  
^See ISHIB website at www.ISHIB.org
Education

Program Objectives

In keeping with the purpose of the American Society of Hypertension, Inc. (ASH), the Twenty-Eighth Annual Scientific Meeting is designed to encourage and promote the development, advancement, and exchange of fair and balanced information regarding the research, diagnosis and treatment of hypertension and related cardiovascular diseases with improved patient care and wellness outcomes as the underlying theme. The sessions will...

- Present and examine new findings on the physiology, pathophysiology, epidemiology, diagnosis, and management of hypertension and related conditions
- Review current state-of-the-art advances in managing particular groups of patients
- Evaluate specific treatment modalities and pharmacological agents

Target Audience

Physicians, scientists, pharmacists, physician assistants, nurses and other health care professionals with an interest in the mechanisms or management of hypertension and related diseases will benefit from attending Plenary Sessions, Symposia, Debates, Joint Sessions, Poster Sessions, and the Scientific Exposition.

Continuing Education Credit

The American Society of Hypertension, Inc. is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The American Society of Hypertension, Inc. designates this live activity for a maximum of 31 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
General Information

Meeting Venue

Headquarters Hotel
San Francisco Marriott Marquis
55 Fourth Street
San Francisco, California 94103
Phone: 1-415-896-1600
Fax: 1-415-486-8101

Sleeping Room Rate - $259
Plus local and state tax

Hotel Reservations

Make your hotel reservations using the ASH website – www.ash-us.org. Click onto the housing link and that will take you into the San Francisco Marriott Marquis reservation system. You will receive ASH Annual Meeting Rates.

All guests staying at the San Francisco Marriott Marquis in the ASH block will receive complimentary internet access in their sleeping room.

Registration for the ASH Annual Meeting


International Registrants

ASH strongly advises participants to determine their individual visa requirements. Individuals traveling to the United States from other countries require a passport and in some cases, a visitor’s visa. Please check with your travel agent, airline or local embassy/consulate at least four (4) months before the meeting. A visa may take 8-12 weeks to be processed.

ASH’s registration agent will provide letters of invitation for visa purposes by request. A Letter of Invitation is meant to help attendees obtain a visa and is not a commitment on the part of the organizers to provide any financial support. The decision to grant a visa belongs solely to the embassy/consulate. ASH cannot change the decision of the government agency.

Travel to the ASH Annual Meeting

San Francisco International Airport (SFO) provides nonstop service to more than 65 U.S. cities on 22 domestic airlines and to 32 international points on 27 international carriers. A variety of services, amenities and concessions are offered at SFO including: a Bay Area Rapid Transit (BART) train station linking SFO to San Francisco and the East Bay, and to Caltrain, which serves the Peninsula; a consolidated Rental Car Center; AirTrain, an on-airport people mover linking the garages, terminals and Rental Car Center; approximately 8,500 covered parking spaces in the terminal garages; wireless internet access in all terminals; and some of the Bay Area’s favorite shops and restaurants.

Climate

San Francisco’s climate is, if nothing else, dependably changeable. Temperatures and conditions change literally by the hour and can differ markedly from one part of the city to the other.

Yet overall, the City by the Bay enjoys an eternally spring-like climate. Temperatures beside the Golden Gate average 54-65 degrees Fahrenheit (12-18 Celsius) in summer, 48-59 degrees (8-14 C.) in winter.
Hypertension Highlights is a full-day program dedicated to educating clinicians and scientists about some of the most interesting, controversial and evolving topics in the field. The program will include state-of-the-art presentations on Hypertension and the Brain, Obesity and Cardiometabolic Diseases and Modulators of Blood Pressure and Vascular Function. It is an ideal update for Hypertension Specialists and those wishing to become specialists in the field.

Wednesday, May 15, 2013  8:00 AM to 3:00 PM

ASH Plenary Sessions

Plenary Sessions feature engaging lectures by keynote speakers. The topics are of broad general interest.

Thursday, May 16, 2013  1:10 PM to 3:40 PM
Friday, May 17, 2013  2:00 PM to 3:30 PM

ASH Scientific Sessions

The Scientific Sessions will address basic and clinical science issues over a wide range of topics

Wednesday, May 15, 2013  3:30 PM to 5:00 PM
Thursday, May 16, 2013  8:00 AM to 10:00 AM
3:45 PM to 5:30 PM
Friday, May 17, 2013  8:00 AM to 10:00 AM
10:00 AM to 11:00 AM
Saturday, May 18, 2013  7:45 AM to 9:15 AM
10:00 AM to 11:30 AM

Hypertension for the Primary Care Clinician

The Hypertension for the Primary Care Clinician program will address commonplace questions that face clinicians in day-to-day care of hypertension.

Friday, May 17, 2013  2:00 PM to 6:30 PM
Saturday, May 18, 2013  9:20 AM to Noon

Joint Sessions

Special Sessions jointly sponsored by Society-related organizations will enrich the knowledge base and foster new interactions between attendees.

Wednesday, May 15, 2013  3:30 PM to 5:00 PM
Thursday, May 16, 2013  10:15 AM to Noon
Saturday, May 18, 2013  10:00 AM to 11:30 AM

How-To Sessions

Distinguished faculty will provide valuable instructions on topics important to your practice.

Attendees will be admitted on a first-come, first-served basis.

Friday, May 17, 2013  10:00 AM - 11:00 AM

Clinical Debates

Clinical Debates will provide for lively discussion on controversial topics.

Thursday, May 16, 2013  10:15 AM to 11:00 AM
Friday, May 17, 2013  10:00 AM to 11:00 AM

Abstract Presentations

Authors will showcase their research in oral or poster format.

Poster Viewing:

Wednesday, May 15, 2013  5:30 PM to 6:30 PM
Thursday, May 16, 2013  6:15 PM to 7:15 PM
Friday, May 17, 2013  4:30 PM to 5:30 PM
Technical Exhibits

Technical Exhibits will be located in the Hypertension Resource Pavilion at the San Francisco Marriott. ASH will host a welcome reception, lunches, and high teas in the exhibit hall.

Wednesday, May 15, 2013
Opening Reception
3:00 PM to 6:30 PM
5:00 PM to 6:30 PM

Thursday, May 16, 2013
High Tea
10:00 AM to 1:00 PM
and 3:00 PM to 7:15 PM
6:15 PM to 7:15 PM

Friday, May 17, 2013
High Tea
10:00 AM to 2:00 PM
and 3:00 PM to 5:30 PM
4:30 PM to 5:30 PM

Innovations Theater

Wednesday, May 15, 2013
5:30 PM to 6:30 PM

Thursday, May 16, 2013
12:00 PM to 1:00 PM
6:15 PM to 7:15 PM

NEW to the ASH Meeting

New this year, the American Society of Hypertension and the International Society on Hypertension in Blacks (ISHIB) will convene their annual conferences in May 2013 in San Francisco, CA, with the ISHIB program to overlap with the 2013 ASH Annual Scientific Meeting. The annual meetings will consist of ASH meeting agenda programming occurring from Wednesday, May 15, 2013 to Saturday, May 18, 2013 with ISHIB2013 overlapping on the evening of Friday the 17th and concluding Sunday, May 19, 2013.

Come to San Francisco and take in two meetings and travel to one location.

ISHIB 2013 promises to provide important updates on hypertension and its complications in African Americans. The program will start Friday evening, May 17th, with the annual Hypertension Academy, chaired by John Flack, MD. Additional sessions planned include a discussion of Healthcare Reform and the impact on Minority Health; the Blue Ribbon Presentation of outstanding research projects, Atypical Interventions in Hypertension, Diabetes and Cardiovascular Disease, and an update on the Jackson Heart Study at its 10th Anniversary.
Nadar G. Abraham, PhD
Toledo, OH

Rajiv Agarwal, MD, FASH
Indianapolis, IN

Lawrence J. Appel, MD, MPH, FASH
Baltimore, MD

Wilbert S. Aronow, MD
Valhalla, NY

Jerry G. Back, MD, FASH
Ladson, SC

George L. Bakris, MD, FASH
Chicago, IL

Nir Barzilai, MD
Bronx, NY

Jan N. Basile, MD, FASH
Charleston, SC

Michel Baum, MD
Dallas, TX

Ariela Benigni, PhD
Bergamo, Italy

Richard N. Bergman, PhD
Los Angeles, CA

Jose Biller, MD
Maywood, IL

John D. Bisognano, MD, PhD, FASH
Rochester, NY

Henry R. Black, MD, FASH
New York, NY

Michael J. Bloch, MD, FASH
Reno, NV

Michael W. Brands, PhD
Augusta, GA

Angela L. Brown, MD
St. Louis, MO

David A. Calhoun, MD, FASH
Birmingham, AL

Vito M. Campese, MD
Los Angeles, CA

Barry L. Carter, PharmD, FASH
Iowa City, IA

Rhonda Cooper-Dehoff, PharmD, MS
Gainesville, FL

William C. Cushman, MD, FASH
Memphis, TN

Dana Dabelea, MD, PhD
Aurora, CO

Joel E. Dimsdale, MD
La Jolla, CA

Brent M. Egan, MD, FASH
Charleston, SC

William J. Elliott, MD, PhD, FASH
Yakima, WA

Peter U. Feig, MD, FASH
Rahway, NJ

Robert W. Fields, MD
Gainesville, FL

Keith C. Ferdinand, MD, FASH
New Orleans, LA

Jessica Filosa, PhD
Augusta, GA

John M. Flack, MD, MPH, FASH
Detroit, MI

Thomas R. Fleming, PhD
Seattle, WA

Joseph T. Flynn, MD, FASH
Seattle, WA

Gary D. Foster, PhD
Philadelphia, PA

Charlene Gamaldo, MD
Baltimore, MD

Matthew W. Gillman, MD, SM
Boston, MA

Philip B. Gorelick, MD, MPH
Grand Rapids, MI

Adam Greenstein, BS, MBChB, MRC, PhD
Manchester, United Kingdom

Alan H. Gradman, MD, FASH
Pittsburgh, PA

Martha Gulati, MD, MS
Columbus, OH

John E. Hall, PhD
Jackson, MS

Joel Handler, MD, FASH
Anaheim, CA

Raymond C. Harris, MD
Nashville, TN

David G. Harrison, MD
Nashville, TN

Ramon C. Hermida, PhD
Vigo, Spain

Norman K. Hollenberg, MD, PhD
Boston, MA

Costantino Iadecola, MD
New York, NY

Julie R. Ingelfinger, MD, FASH
Boston, MA

Joseph L. Izzo, Jr., MD, FASH
Buffalo, NY

Terry A. Jacobson, MD
Atlanta, GA

Norman M. Kaplan, MD
Dallas, TX

Gail S. Kocher, MPA
Chicago, IL

Donald E. Kohan, MD, PhD
Salt Lake City, UT

Henry Krum, MBBS
Melbourne, Australia

Louis Kuritzky, MD
Gainesville, FL

Daniel T. Lackland, DrPH, FASH
Charleston, SC

Edward G. Lakatta, MD
Baltimore, MD

Malcolm Law, MBBS
London, United Kingdom

Benjamin D. Levine, MD
Dallas, TX

Jonathan R. Lindner, MD
Portland, OR

Thomas D. MacKenzie, MD, MSPH
Denver, CO

David J. Magid, MD, MPH
Denver, CO

Daniel B. Mark, MD, MPH
Durham, NC

Brian W. McCrindle, MD, MPH
Ontario, Canada

Franz H. Messerli, MD, FASH
New York, NY

Timothy W. Meyer, MD
Palo Alto, CA

Eric T. Mizuno, MD
Chicago, IL

Suzanne Oparil, MD, FASH
Birmingham, AL

Robert A. Phillips, MD, PhD
Worcester, MA
David M. Pollock, PhD  
Augusta, GA

Henry A. Punzi, MD, FASH  
Carrollton, TX

C. Venkata S. Ram, MD, FASH  
Dallas, TX

Vasan S. Ramachandran, MD  
Framingham, MA

James M. Roberts, MD  
Pittsburgh, PA

Joshua A. Samuels, MD, FASH  
Houston, TX

Darleen Sandoval, PhD  
Cincinnati, OH

Jennifer M. Sasser, PhD  
Jackson, MS

Ernesto L. Schiffrin, MD, PhD  
Montreal, Canada

Steven S. Segal, PhD  
Columbia, MO

Diachi Shimbo, MD  
New York, NY

Domenic A. Sica, MD, FASH  
Richmond, VA

Kanwar Singh, MD  
Farmington, CT

Nancy Spector, BSN, MSC  
Washington, DC

Sandra J. Taler, MD, FASH  
Rochester, MN

Addison A. Taylor, MD, PhD, FASH  
Houston, TX

Fernando Testai, MD, PhD  
Chicago, IL

Stephen C. Textor, MD, FASH  
Rochester, MN

Jens Titze, MD  
Nashville, TN

Rhian M. Touyz, MD, PhD  
Glasgow, United Kingdom

Raymond R. Townsend, MD, FASH  
Philadelphia, PA

Meryem Tuncel-Kara, MD  
Lubbock, TX

Elaine M. Urbina, MD, MS, FASH  
Cincinnati, OH

Barbara Vickrey, MD, MPH  
Los Angeles, CA

Ronald G. Victor, MD  
Los Angeles, CA

Anthony J. Viera, MD, MPH  
Chapel Hill, NC

R. Clinton Webb, PhD  
Augusta, GA

Michael A. Weber, MD, FASH  
New York, NY

Matthew R. Weir, MD, FASH  
Baltimore, MD

Myran H. Weinberger, MD  
Indianapolis, IN

Donald Wesson, MD  
Temple, TX

Paul K. Whelton, MB, MD, MSc  
New Orleans, LA

William B. White, MD, FASH  
Farmington, CT

Christopher S. Wilcox, MD, PhD  
Washington, DC

Jackson T. Wright, Jr., MD, PhD, FASH  
Cleveland, OH

Steven A. Yarows, MD, FASH  
Chelsea, MI

Faiez Zannad, MD  
Vandoeuvre Lès Nancy, France
Wednesday, May 15, 2013: 8:00 AM – 3:00 PM

Hypertension Highlights 2013
8:00 AM Welcome
William B. White MD, FASH, Farmington, CT

8:05 AM – 9:55 AM
Part I: Hypertension and the Brain
Co-Chairs: Jose Biller, MD, Maywood, IL and Philip B. Gorelick, MD, MPH, Grand Rapids, MI
8:05 AM Hypertension, Diabetes and Cognitive Function
Fernando Testai, MD, PhD, Chicago, IL
8:25 AM Role of Sleep Disorders in Stroke
Charlene Gamaldo, MD, Baltimore, MD
8:45 AM Use of Anticoagulation in Stroke Prevention
Jose Biller, MD
9:05 AM Secondary Stroke Prevention
Barbara Vickrey, MD, MPH, Los Angeles, CA
9:25 AM Moderated Panel Discussion
9:55 AM Break

10:15 AM – 12:00 PM
Part II: Obesity and Cardiometabolic Diseases
Chair: Suzanne Oparil, MD, FASH, Birmingham, AL
10:15 AM Adipocytes as Regulators of Metabolic Balance
Richard N. Bergman, PhD, Los Angeles, CA
10:35 AM Behavioral Interventions and the Emperor’s New Clothes
Gary D. Foster, PhD, Philadelphia, PA
10:55 AM Pharmacologic Treatments for Obesity
TBD
11:15 AM Bariatric Surgery: Metabolic and Blood Pressure Effects
Darleen Sandoval, PhD, Cincinnati, OH
11:35 AM Moderated Panel Discussion
12:00 PM Lunch

1:00 PM – 3:00 PM
Part III: Modulators of Blood Pressure and Vascular Function: What’s New?
Co-Chairs: Ernesto L. Schiffrin, MD, PhD, Montreal, Canada and Ronald G. Victor, MD, Los Angeles, CA
1:00 PM Role of Relaxin in Hypertension and Kidney Disease
Jennifer M. Sasser, PhD, Jackson, MS
1:20 PM Insulin Action and Hypertension
Michael W. Brands, PhD, Augusta, GA
1:40 PM Endothelin: Agonists and Antagonists
Donald E. Kohan, MD, PhD, Salt Lake City, UT
2:00 PM Mineralocorticoids: Agonist and Antagonists
Faiez Zannad, MD, Vandoeuvre Lès Nancy, France
2:30 PM Moderated Panel Discussion

3:30 PM – 5:00 PM
The Moving Target for Blood Pressure Goals
Co-Chairs: Henry R. Black, MD, FASH, NY, New York and Sandra J. Taler, MD, FASH, Rochester, MN
3:30 PM Treatment Cut-Points for Chronic Kidney Disease
Rajiv Agarwal, MD, FASH, Indianapolis, IN
3:52 PM Treatment Cut-Points for Isolated Systolic Hypertension in the Elderly
Wilbert S. Aronow, MD, Valhalla, NY
4:14 PM Treatment Cut-Points for Type 2 Diabetes
William C. Cushman, MD, FASH, Memphis, TN
4:36 PM Moderated Panel Discussion

3:30 PM – 5:00 PM
Young Investigator-in-Training Abstract Competition
Wednesday, May 15 – Thursday, May 16

3:30 PM – 5:00 PM
Joint Sessions

3:00 PM – 6:30 PM
Hypertension Resource Pavilion Opens

5:30 PM – 6:30 PM
Poster Viewing

5:00 PM – 6:30 PM
Opening Reception

Thursday, May 16, 2013: 8:00 AM – 10:00 AM

Pathobiology Theme

Fetal Programming and Early Life Stress: Impact on Cardiovascular Disease in Adulthood

Chair: Elaine M. Urbina, MD, MS, FASH, Cincinnati, OH
8:00 AM Fetal Programming and Cardiovascular Disease
Julie R. Ingelfinger, MD, FASH, Boston, MA
8:30 AM Fetal Programming and Early Life Stress: Impact on Pediatric Cardio-Metabolic Outcomes
Dana Dabelea, MD, PhD, Aurora, CO
9:00 AM Prenatal and Postnatal Programming of Hypertension
Michel Baum, MD, Dallas, TX
9:30 AM Recommendations of the ACOG Hypertension Task Force
James R. Roberts, MD, Pittsburgh, PA

Therapy Theme

Within Class Differences in Antihypertensive Therapies

Chair: Franz H. Messerli, MD, FASH, NY, New York
8:00 AM The Diuretics
John M. Flack, MD, MPH, FASH, Detroit, MI
8:20 AM The Beta Blockers
Addison A. Taylor, MD, PhD, FASH, Houston, TX
8:40 AM The Calcium Channel Blockers
Angela L. Brown, MD, St. Louis, MO
9:00 AM The ACE Inhibitors and ARBs
Matthew R. Weir, MD, FASH, Baltimore, MD
9:20 AM Original Communications

11:00 AM – Noon

Therapy Debate

The Target for Blood Pressure Therapy

Moderator: Raymond R. Townsend, MD, FASH, Philadelphia, PA
Protagonist: Malcolm Law, MBBS, London, United Kingdom
Antagonist: Suzanne Oparil, MD, FASH, Birmingham, AL
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<th>Day – Date – Time</th>
<th>Pathobiology</th>
<th>Translational</th>
<th>Therapy</th>
<th>Special Sessions</th>
<th>Joint Sessions</th>
<th>Debates</th>
<th>How-To Sessions</th>
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<td>Debate: Non-Pharmacologic Therapy for Hypertension</td>
<td>Debate: Interpreting the J-Curve of Blood Pressure</td>
<td>Debate: Within Class Differences in Antihypertensive Therapies</td>
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<td>What Have We Gained from the Results of Clinical Outcome Trials in Hypertension and Related Disorders?</td>
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<td>Can We Slow Down Aging</td>
<td>Non-Invasive Testing in Hypertension – What Does it Add?</td>
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<td>Beyond Blood Pressure – Protecting the Kidney</td>
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<td>Issues in Novel Drug Development for Hypertension</td>
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<td>Innovations Theater</td>
<td>The Treatment of Hypertension Should be Targeted Towards the Nocturnal BP</td>
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<td>How-To Manage Hypertension in the Hospitalized Patient</td>
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<td>Innovations Theater</td>
<td>How-To Evaluate and Treat Symptomatic Peripheral Vascular Disease</td>
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<td>Innovations Theater</td>
<td>How-To Assess and Manage the Difficult Hypertensive Patient with Kidney Disease</td>
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<td>Innovations Theater</td>
<td>Late Breaking Clinical Trials</td>
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<td>Hypertension for the Primary Care Clinician</td>
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2013 ASH Program, Thursday, May 16

Pathobiology Debate

Non-Pharmacologic Therapy for Hypertension

Moderator: Norman M. Kaplan, MD, Dallas, TX
Protagonist: Lawrence J. Appel, MD, MPH, FASH, Baltimore, MD
Antagonist: Brent M. Egan, MD, FASH, Charleston, SC

11:00 AM Original Communications

Translational Debate

The Kidney Controls the Long-Term Level of Blood Pressure

Moderator: George L. Bakris, MD, FASH, Chicago, IL
Protagonist: John E. Hall, PhD, Jackson, MS
Antagonist: Jens Titze, MD, Nashville, TN

11:00 AM Original Communications

10:15 AM - 12:00 PM

Joint Sessions

10:00 AM – 1:00 PM and 3:00 PM – 7:15 PM

Hypertension Resource Pavilion

12:00 PM – 1:00 PM Lunch
6:15 PM – 7:15 PM High Tea
6:15 PM – 7:15 PM Poster Viewing

1:10 PM – 3:40 PM

Plenary Session I:
What Have We Gained From the Results of Clinical Outcome Trials in Hypertension and Related Disorders?

Co-Chairs: Domenic A. Sica, MD, FASH, Richmond, VA and William B. White, MD, FASH, Farmington, CT

1:10 PM President’s Address
William B. White, MD, FASH, Farmington, CT

1:25 PM Keynote Lecture: Successes and Pitfalls of Primary and Secondary Prevention Trial Data in Hypertension and Vascular Diseases
Thomas R. Fleming, PhD, Seattle, WA

2:10 PM The Importance of Studying Cost-Effectiveness and Use of Medical Resources Within the Trial
Daniel B. Mark, MD, MPH, Durham, NC

2:40 PM What is the Rationale and Importance of SPRINT When We Have the Results of ACCORD?
William C. Cushman, MD, FASH, Memphis, TN

3:10 PM Outcomes in Cardiovascular Clinical Research: The Patient-Centered Approach
David J. Magid, MD, MPH, Denver, CO

3:45 PM - 5:30 PM

Pathobiology Track

Can We Slow Down Aging?

Chair: Vito M. Campese, MD, Los Angeles, CA

3:45 PM Longevity Genes and Protection from Hypertension
Nir Barzilai, MD, Bronx, NY

4:05 PM Renin Angiotensin System and Longevity
Ariela Benigni, PhD, Bergamo, Italy

4:25 PM Intrarenal Dopamine Deficiency, Hypertension and Aging
Raymond C. Harris, MD, Nashville, TN

4:45 PM Original Communications
2013 ASH Program, Thursday, May 16 – Friday, May 17

Non-Invasive Testing in Hypertension: What Does It Add?
Chair: Joseph L. Izzo, Jr., MD, FASH, Buffalo, NY
3:45 PM Is Central Blood Pressure Ready for Prime Time? Raymond R. Townsend, MD, FASH, Philadelphia, PA
4:05 PM What Do We Learn From Exercise Blood Pressure Responses? Martha Gulati, MD, MS, Columbus, OH
4:25 PM What Do We Learn From Endothelial Functional Assessment? Joseph L. Izzo, Jr., MD, FASH
4:45 PM Original Communications

Device Therapies for Hypertension
Chair: Michael A. Weber, MD, FASH, New York, NY
3:45 PM Catheter Based Renal Denervation Henry Krum, MBBS, Melbourne, Australia
4:05 PM Baroreceptor Stimulation John D. Bisognano, MD, PhD, FASH, Rochester, NY
4:25 PM Breathing Devices, Pacing Devices William J. Elliott, MD, PhD, FASH, Yakima, WA
4:45 PM Original Communications

5:35 PM – 6:05 PM Thomas G. Pickering, MD, DPhil Memorial Lecture
Chair: William B. White, MD, FASH, Farmington, CT
Behavioral Evaluation and Treatment of Hypertension Joel E. Dimsdale, MD, La Jolla, CA

Friday, May 17, 2013: 8:00 AM - 10:00 AM

Vascular Mechanisms
Chair: David M. Pollock, PhD, Augusta, GA
8:00 AM Perivascular Adipose Tissue and Effect on Vascular Function Adam Greenstein, BSc, MBChB, MRC, PhD, Manchester, United Kingdom
8:30 AM Endothelial Cells and Microparticles Rhian M. Touyz, MD, PhD, Glasgow, United Kingdom
9:00 AM Matrix Metalloproteinase and Vascular Remodeling Edward G. Lakatta, MD, Baltimore, MD
9:30 AM Heme Oxygenase and Vascular Function Nader G. Abraham, PhD, Toledo, OH

Beyond Blood Pressure: Protecting the Kidney
Chair: Raymond C. Harris, MD, Nashville, TN
8:00 AM Uremic Toxicity Timothy W. Meyer, MD, Palo Alto, CA
8:30 AM Alkali Therapy Donald Wesson, MD, Temple, TX
9:00 AM Hypoxia as the Common Pathway to Nephron Loss Steven C. Textor, MD, FASH, Rochester, MN
9:30 AM Anti-Oxidant Inflammatory Modulators Christopher S. Wilcox, MD, PhD, Washington DC
2013 ASH Program, Friday, May 17

Therapy Track

Issues in Novel Drug Development for Hypertension

Chair: Peter U. Feig, MD, FASH, Rahway, NJ

8:00 AM What is Required to Develop a Novel Antihypertensive Compound
Peter U. Feig, MD, FASH

8:30 AM The Role of Stereoisomers in Antihypertensive Therapy
C. Venkata S. Ram, MD, FASH, Dallas, TX

9:00 AM Generic Antihypertensive Drugs
Rhonda Cooper-Dehoff, PharmD, MS, Gainesville, FL

9:20 AM Original Communications

10:00 AM – 11:00 AM

How-To Sessions

1. How to Manage Hypertension in the Hospitalized Patient
Meryem Tuncel-Kara, MD, Lubbock, TX

2. How to Start a Type 1 Hypertension Center in Practice
Henry A. Punzi, MD, FASH, Carrollton, TX, Jerry G. Back, MD, FASH, Ladson, SC and Brent M. Egan, MD, FASH, Charleston, SC

3. How to Evaluate and Treat Symptomatic Peripheral Vascular Disease
Kanwar Singh, MD, Farmington, CT

4. How to Assess and Manage the Difficult Hypertensive Patient with Kidney Disease
C. Venkata S. Ram, MD, FASH, Dallas, TX

11:00 AM – 12:00 PM

Debates

The Treatment of Hypertension Should be Targeted Towards the Nocturnal Blood Pressure

Moderator: Jackson T. Wright, Jr., MD, PhD, FASH, Cleveland, OH
Protagonist: Ramon C. Hermida, PhD, Vigo, Spain
Antagonist: David A. Calhoun, MD, FASH, Birmingham, AL

Universal Screening for Cholesterol in Children and Adolescents

Moderator: Julie R. Ingelfinger, MD, FASH, Boston, MA
Protagonist: Brian W. McCrindle, MD, MPH, Ontario, Canada
Antagonist: Matthew W. Gillman, MD, SM, Boston, MA

12:45 PM - 1:45 PM

Special How-To Session for ASH Hypertension Specialists

How to Use the NUCC Taxonomy Code to your Advantage
Panel: George L. Bakris, MD, FASH, Chicago, IL, Gail S. Kocher, MPA, Chicago, IL and Nancy Spector, BSN, MSC, Washington, DC
2013 ASH Program, Friday, May 17

10:00 AM – 2:00 PM and 3:00 PM – 5:30 PM

**Hypertension Resource Pavilion**

12:45 PM – 1:45 PM  
**Lunch**

4:30 PM – 5:30 PM  
**High Tea**

4:30 PM – 5:30 PM  
**Poster Viewing**

2:00 PM – 3:30 PM

**Plenary Session II: Awards Session**

Co-Chairs: Norman K. Hollenberg, MD, PhD, Boston, MA and William B. White, MD, FASH, Farmington, CT

2:00 PM  
**Distinguished Scientist Award Lecture**

2:30 PM  
**Young Scholar Award Lecture**

2:50 PM  
**Marvin Moser Clinical Hypertension Award Lecture**

3:10 PM  
**Announcement of Young Investigator-in-Training Abstract Competition Winners**

2:00 PM – 6:30 PM

**Hypertension for the Primary Care Clinician 2013: Part I**

2:00 PM – 3:00 PM

**Theme 1: Management Issues in Hypertension: Tricks of the Trade**

2:00 PM  
**Resistant Hypertension**  
Michael J. Bloch, MD, FASH, Reno, NV

2:20 PM  
**Hypertension Urgencies and Emergencies**  
Louis Kuritzky, MD, Gainesville, FL

2:40 PM  
**The Orthostatic Hypertensive Patient**  
Benjamin D. Levine, MD, Dallas, TX

3:00 PM – 4:00 PM

**Theme 2: Special Populations**

3:00 PM  
**Oral Contraception and Hypertension**  
Angela L. Brown, MD, St. Louis, MO

3:20 PM  
**The Asian Hypertensive**  
Eric T. Mizuno, MD, Chicago, IL

3:40 PM  
**Adolescents with Hypertension**  
Joseph T. Flynn, MD, FASH, Seattle, WA

4:00 PM  
**Break**

4:15 PM – 5:00 PM

**Theme 3: Patient Cases**

Moderator: Norman M. Kaplan, MD, Dallas, TX

Panel: George L. Bakris, MD, FASH, Chicago, IL,  
Jan N. Basile, MD, FASH, Charleston, SC and  
Keith C. Ferdinand, MD, FASH, New Orleans, LA

4:15 PM  
**Case 1**

4:35 PM  
**Case 2**

5:00 PM – 6:30 PM

**Theme 4: Home and Ambulatory Blood Pressure Monitoring**

5:00 PM  
**Home and Ambulatory Blood Pressure Monitoring: Review of the ASH Position Paper**  
William B. White, MD, FASH, Farmington, CT

5:20 PM  
**Overcoming Challenges in Using ABPM**  
Daichi Shimbo, MD, New York, NY

5:35 PM  
**Implementing ABPM into Your Practice**  
Steven A. Yarows, MD, FASH, Chelsea, MI

5:50 PM  
**Interpreting the Data in Adult and Pediatric Populations: A Case-Based Approach**  
Joshua A. Samuels, MD, FASH, Houston, TX and  
Anthony J. Viera, MD, MPH, Chapel Hill, NC
2013 ASH Program, Saturday, May 18

Saturday, May 18, 2013: 7:45 AM - 9:15 AM
Late-Breaking Clinical Trials
Co-Chairs: Domenic A. Sica, MD, FASH, Richmond, VA and William B. White, MD, FASH, Farmington, CT

9:20 AM – 12:00 PM
Hypertension for the Primary Care Clinician 2013: Part II

9:20 AM – 10:05 AM
Theme 5: JNC 8 and NHLBI Guidelines: Practical Applications (Pending Official Release of JNC 8)
9:20 AM Introduction & Welcome
Jan N. Basile, MD, FASH, Charleston, SC and Louis Kuritzky, MD, Gainesville, FL

9:25 AM When Should You Initiate Drug Treatment in Hypertension
Suzanne Oparil, MD, FASH, Birmingham, AL

9:40 AM Goal Blood Pressure
Raymond R. Townsend, MD, FASH, Philadelphia, PA

9:55 AM Primary Care Perspective
Thomas D. MacKenzie, MD, MSPH, Denver, CO

10:05 AM Question and Answer Session

10:15 AM What Should Be the Initial Pharmacologic Therapy
Barry L. Carter, PharmD, FASH, Iowa City, IA

10:45 AM Lifestyle Modifications
Daniel T. Lackland, DrPH, FASH, Charleston, SC

10:55 AM Primary Care Perspective
Robert W. Fields, MD, Gainesville, FL

11:05 AM Question and Answer Session

11:05 AM – 11:30 AM
Pathobiology Track
Vascular Wall Signaling: How Are Cells Coupled?
Chair: R. Clinton Webb, PhD, Augusta, GA
10:00 AM Neurovascular Unit
Jessica Filosa, PhD, Augusta, GA

10:22 AM Vascular Endothelial Coupling
Rhian M. Touyz, MD, PhD, Glasgow, United Kingdom

10:44 AM Endothelin Role in Neurovascular Coupling
Costantino Iadecola, MD, New York, NY

11:06 AM Cell Coupling
Steven S. Segal, PhD, Columbia, MO

10:00 AM – 11:30 AM
Translational Track
Understanding Renal Denervation Therapy
Chair: John E. Hall, PhD, Jackson, MS
10:00 AM Results of Animal Research
Vito M. Campese, MD, Los Angeles, CA

10:22 AM Results from Human Research
Ronald G. Victor, MD, Los Angeles, CA

10:44 AM Sympathetic Control Immune Modulated Hypertension: Brain and T-Cell Activation
David G. Harrison, MD, Nashville TN

11:06 AM Pathophysiologic Consequences of Renal Denervation on the Kidney
Ronald G. Victor, MD

10:00 AM – 11:30 AM
Joint Sessions
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*Please Indicate (required field):

- [☐] Physician Specialty
  - [☐] Cardiology
  - [☐] Endocrinology
  - [☐] Lipidology
  - [☐] Nephrology
  - [☐] Family Practice
  - [☐] Internal Medicine
  - [☐] Pediatrics
  - [☐] Other: __________________________

- [☐] Nurse/Nurse Practitioner
- [☐] Pharmacist
- [☐] Physician Assistant
- [☐] Other: __________________________

- [☐] Check here if you have any special needs or requirements – we will contact you.

## Meeting Registration: (Please check one option below and circle appropriate fee)

### Hypertension Highlights 2013

- [☐] On or Before April 6, 2013
  - [☐] ASH Member $150
  - [☐] Non-Member $200
  - [☐] After April 6, 2013
    - [☐] ASH Member $175
    - [☐] Non-Member $225

*Wednesday, May 15 only – Fee includes admission to Hypertension Highlights, Hypertension Resource Pavilion, Innovations Theater, Poster Presentations and Social Events

### Full Meeting Registration

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- [☐] MD $550 $795
- [☐] PhD $550 $795
- [☐] Industry Professional $550 $795
- [☐] Pharmacist/RN/PA/NP $175 $275
- [☐] In-Training $ 75 $100

*Wednesday, May 15 – Saturday, May 18 – Full Meeting Registration includes admission to Hypertension Highlights, Hypertension Resource Pavilion, Plenary Sessions, Scientific Sessions, Meet the Professor Sessions, Debates, Poster Presentations, Innovations Theater and all ASH Social Events

- [☐] Hypertension for the Primary Care Clinician $ 75 $ 75

*Friday, May 17 – Saturday, May 18 – Fee only includes admission to Hypertension for the Primary Care Clinician Curriculum, Hypertension Resource Pavilion and Innovations Theater

- [☐] Would like to Attend ISHIB Meeting $ 75 $ 75

*Saturday, May 18 – Sunday, May 19

## Payment Computations

### Registration Fee:

$ _______________

- [☐] VISA
- [☐] MasterCard
- [☐] American Express

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### Payment Information:

- NO CASH OR BANK TRANSFERS. Registration may be paid with VISA, MasterCard, American Express, check, or money order. Checks and money orders must be drawn on American banks and in U.S. Dollars.
- Make check payable to: **American Society of Hypertension, Inc.**
- Mail to: ASH 2013 Registration, 779 East Chapman Road, Oviedo, FL 32765
- Questions? Call or email: US & Canada: 800-292-8130 (Operators available from 9:00 AM to 6:00 PM EST)
- International Registrants: 407-971-4480, Fax: 407-366-4138
- Questions only; For online registration visit www.ash-us.org
ASH Hypertension Community Outreach

On Saturday, September 15th 2012, ASH ran the first Health and Wellness Village at the 6th Annual WCBS/Yankees Radio Network FanFest that was held on the Intrepid Sea, Air & Space Museum on Pier 86. The Health and Wellness Village was dedicated to promoting the fitness and well-being of all baseball fans. ASH collaborated with the American Heart Association, the International Society on Hypertension in Blacks, the Association of Black Cardiologists, Harlem Hospital, Mount Sinai Hospital, the Urban Yoga Foundation and the NY Road Runners Association.

In 2012, ASH celebrated its fifth year of providing Hypertension Community Outreach services to communities in the US and abroad. Our outstanding accomplishments in the past five years are many and include the following:

- We have screened over 3,050 people with the breakdown as follows:
  - New Orleans (2008) 725
  - San Francisco (2009) 503
  - New York (2010) 739
  - New York (2011) 860
  - Montserrat (2011) 225+

- We produced four Hypertension Community Outreach site videos, four patient education videos, one public service announcement and one patient information pamphlet, available both in English and Spanish.
- We provided Grand Rounds for ten Hospitals and visited twenty clinics for in-service training.
- We have increased the number of Community Partners to nineteen
- We participated in the National Campaign Launch of “Pair-Up” with the American Kidney Fund
ASH Hypertension Community Outreach
ASH is grateful for the support of their Community Partners!!

ASSOCIATION OF BLACK CARDIOLOGISTS
AMERICAN HEART ASSOCIATION
HILTON NY
INTERNATIONAL SOCIETY ON HYPERTENSION IN BLACKS
METROPOLITAN EXPOSITION, INC.
OMRON HEALTHCARE, INC.
ROAD RUNNERS OF NEW YORK
SAN FRANCISCO MARRIOTT MARQUIS
URBAN YOGA FOUNDATION

For Partnership Opportunities please contact Gilda Caputo-Hansen, gilda@hansenglobalevents.com
ASH Membership Application

Please type or print legibly and complete ALL information requested.

☐ New Member  ☐ Renewing Member  Date Submitted: ____________

1. Name and principal mailing address:

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<th>Last (Family) Name</th>
<th>First Name</th>
<th>Middle Initial</th>
<th>Degree</th>
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Telephone Number  Facsimile

Email Address (please write very legibly)

2. Membership Categories (check one):

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<th>Domestic</th>
<th>International with Print Journals</th>
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<tbody>
<tr>
<td>Regular Membership</td>
<td>☐ $ 200.00</td>
<td>☐ $ 230.00</td>
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<tr>
<td>Associate Membership</td>
<td>☐ $ 125.00</td>
<td>☐ $ 155.00</td>
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<tr>
<td>Individual Corporate Membership</td>
<td>☐ $ 100.00</td>
<td>☐ $ 130.00</td>
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<td>Member-In-Training</td>
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<td>Lay Membership</td>
<td>☐ $ 35.00</td>
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Optional Membership Add-Ins

☐ Optional – ASH Chapter Membership: ................................................................. $ 25.00
  For Domestic Membership only, see next page for the current ASH Chapters and fee schedules.
  Chapter membership is Complimentary for Members-in-Training (where applicable)
  Specify Chapter: __________________________________________

☐ Optional – ASH Foundation Donation (suggested amount): ................................................. $ 25.00

Based on fee schedule above, please indicate total payment included ...........................................$ ____.

3. Specialty (circle one): internal medicine, primary care, cardiology, nephrology, endocrinology, other:

_____________________________________________________________________________________

4. Practice Setting (circle all that apply): private practice, hospital staff, research, academia, administration, industry, other:

_____________________________________________________________________________________

Payment (no cash or bank transfers) may be made with American Express, VISA, MasterCard, check or money order. Checks or money orders (drawn on American banks and in U.S. dollars) are payable to: American Society of Hypertension, Inc. (ASH). Mail this completed form and payment to American Society of Hypertension Inc, 45 Main Street, Suite #712, Brooklyn, NY 11201; or you may fax your form if you are paying by credit card to: 347-916-0267. For membership inquiries, call toll-free 866-696-9099 (U.S. residents only) or 212-696-9099 (International).

Membership Year is on an anniversary basis and will expire 12 months from the month you join the Society.

☐ American Express  ☐ VISA  ☐ MasterCard  ☐ Check (Must include applicant’s LAST Name or ID#)

Cardholder’s Name  Credit Card Number  Exp. Date

Cardholder’s Telephone Number  Cardholder’s Signature
ASH Membership Application continued

ASH Regional Map

Current ASH Chapters and Dues Schedule:

**ASH Regional Chapter Dues: $25.00**

- Carolinas, Florida and Georgia Chapter (Southern Florida, Georgia, North Carolina, South Carolina)
- Delaware Valley Chapter (Delaware, Pennsylvania, & Southern New Jersey)
- Eastern Regional Chapter (Connecticut, Northern New Jersey, New York)
- Gulf Central Regional Chapter (Alabama, Florida [Panhandle], Louisiana, Mississippi)
- Mid-Atlantic Regional Chapter (Maryland, Virginia, Washington, DC)
- Texas Chapter

*Individuals can apply for membership online at www.ash-us.org*
San Francisco Marriott Marquis  
Wednesday, May 15, 2013 — Saturday, May 18, 2013

**ASH Corporate Sponsors**

Boehringer Ingelheim Pharmaceuticals, Inc.
Daiichi Sankyo, Inc.
Forest Laboratories, Inc.
Medtronic, Inc.
Novartis Pharmaceuticals Corporation
Takeda Pharmaceuticals North America, Inc.

**Future ASH Annual Scientific Meeting Dates:**

Saturday, May 17, 2014 — Tuesday, May 20, 2014  
Hilton New York

Saturday, May 16, 2015 — Tuesday, May 19, 2015  
Hilton New York

Saturday, May 14, 2016 — Tuesday, May 17, 2016  
Hilton New York