



CONFIRMED SPEAKERS

ISH 2010 will bring the world's leading scientific and medical specialists to Vancouver to address the current state of knowledge and research in Cardiovascular Health. The list of confirmed speakers and topics below is current as of June 2010 and will be added to over the coming months. You can view the latest program and speaker line-up online, and build your personal itinerary for ISH 2010 by visiting the ISH 2010 [iplanner](#). Please visit the Program page of the ISH 2010 website to access the [iplanner](#).

BASIC SCIENCE

The Renin-Angiotensin-Aldosterone axis: "New Targets" for an "Old System" Jointly Sponsored by ISH 2010 and the High Blood Pressure Research Council of the AHA

The Adipose Renin Angiotensin System and the Cardiometabolic Syndrome

Cassis, L.A., University of Kentucky, Lexington, KY, United States

Aldosterone, Inflammation and Target Organ Damage

Brown, N., Vanderbilt University School of Medicine, Nashville, TN, United States

Rapid Signalling Pathways Mediating Estrogen and Aldosterone Cardio-Metabolic Effects

Reconsidering the Roles of the Mineralocorticoid Receptor

Funder, J., Prince Henry's Institute of Medical Research, Clayton, Victoria, Australia

Choreographing the Rapid Vascular Effects of Steroids:

Sorting out the Partners and the Steps

Feldman, R., University of Western Ontario, London, Ontario, Canada

Rapid Steroid Effects in Hypertension: Role of GPR30

Leeb-Lundberg, L.M.F., Lund University, Lund, Sweden

Vascular Signaling

Integrating Newer Concepts in Vascular Signalling for Understanding the Mechanisms of Hypertension

Touyz, R., Ottawa Hospital Research Institute, University of Ottawa, Ottawa, Ontario, Canada

Basic Science – How to

Single Cell Assessment in Hypertension: From "Form to Function"

Gros, R., Vascular Biology Research Group, Robarts Research Institute, University of Western Ontario, London, Ontario, Canada

Lipid Signalling (Focus on Sphingolipids)

Sphingolipid Signalling: Ceramide – Sphingosine

Spiegel, S., Virginia Commonwealth University, Richmond, Virginia, United States

Role of Sphingosine-1-Phosphate Phosphohydrolase 1 in the Regulation of Resistance Artery Tone

Bolz, S.-S., University of Toronto, Toronto, Ontario, Canada

Relevance and Potential of Sphingosine-1-Phosphate for the Vascular System

van der Giet, M., Universitätsmedizin Berlin, Berlin, Germany

Molecular Mechanism of Cardiovascular Senescence

Molecular Mechanisms of Cardiac and Vascular Aging

Lakatta, E., National Institutes of Health, Baltimore, Maryland, United States

Cellular Enzymes Regulating Lifespan: Implications for Prevention of Vascular Disease

Pickering, G., University of Western Ontario, Robarts Research Institute, London, Ontario, Canada

Teleomere Length and Hypertension and Vascular Disease

Aviv, A., The Center of Human Development and Aging UMDNJ, New Jersey Medical School, Newark, New Jersey, United States

Molecular Mechanisms of Vascular Disease

Immune Mechanisms in Hypertension: Societe Quebecoise d'Hypertension Arterielle Speaker

Schiffirin, E.L., Lady Davis Institute for Medical Research, Department of Medicine, Sir Mortimer B. Davis-Jewish General Hospital, McGill University, Montreal, Quebec, Canada

Basic Science – How-to

How do you Assess Oxidant Stress?

Touyz, R., Ottawa Hospital Research Institute, University of Ottawa, Ottawa, Ontario, Canada

GPCR Signalling: Dysregulation in Hypertension – A Tribute to Jacques de Champlain

An Overview of GPCR Signalling

Caron, M., Duke University Medical Center, Durham, North Carolina, United States

GPCR Signalling Pathways in Vascular Smooth Muscle Cells

Bouvier, M., University of Montreal, Montréal, Quebec, Canada

Altered GPCR Signalling in Hypertension

Gros, R., Vascular Biology Research Group, Robarts Research Institute, University of Western Ontario, London, Ontario, Canada

Cardiovascular Fibrosis and Hypertension

Signal Transduction Mechanisms Mediating Cardiovascular Fibrosis

Insel, P., University of California, La Jolla, California, United States

The expanding "Kinome" in Vascular Regulation

Protein Phosphorylation and Kinase Networks

Pelech, S., University of British Columbia, Vancouver, British Columbia, Canada

CLINICAL SCIENCE

Blood Pressure measurement

Automated Office Blood Pressure Measurements

Myers, M., University of Toronto, Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada

Metabolic Syndrome/Obesity

What is the Evidence for the Use of Pharmacologic Therapy in the Treatment for Obesity

Sharma, A., University of Alberta, Edmonton, Alberta, Canada

Heart Failure and Hypertension. Jointly Sponsored by the Canadian Cardiovascular Society

Diastolic Dysfunction at Rest and Exercise in Persons with Hypertension

Ha, J.-W., Yonsei University College of Medicine, Seoul, Korea, Republic of

Management of Diastolic Heart Failure

Arnold, M., University of Western Ontario, London, Canada



Clinical Science – How to Session

Smoking Cessation: Practical Tips for Achieving Success!

Pipe, A., University of Ottawa Heart Institute, Ottawa, Ontario, Canada

Practical Genomics: A Primer for Clinicians

Hegele, R., Roberts Research Institute, University of Western Ontario, London, Canada

How to Effectively Manage Hypertension in Pregnancy

Magee, L., University of British Columbia, Vancouver, British Columbia, Canada

Sibal, B., University of Cincinnati, Cincinnati, United States

What Can We Learn From 24 Hour Blood Pressure Monitoring?

Clinical Lessons from Ambulatory Blood Pressure Measurement

Bulpitt, C., Imperial College, Hammersmith Hospital, London, United Kingdom

Optimal Management for Type 2 Diabetes Mellitus

Optimal Management for type 2 Diabetes Mellitus

Leiter, L., University of Toronto, Toronto, Ontario, Canada

Practical Tips for the Implementation of the DASH Diet Implementation of the Dash Diet

Appel, L.J., Johns Hopkins Medical Institutions, Baltimore, Maryland, United States

Kidney Disease

Current Approaches to Optimal Management of Patients with Hypertension and Kidney Disease

Bakris, G., University of Chicago Pritzker School of Medicine, Chicago, IL, United States

Smoking and Associated Cardiovascular Risk Factors

Contemporary Approaches to Smoking Cessation

Pipe, A., University of Ottawa Heart Institute, Ottawa, Ontario, Canada

Clinical Science – Debates

Moderator: Hollenberg, N Harvard University, USA

Heart Rate Control Important in the Management of Blood Pressure?

Pro: Julius, S., University of Michigan Cardiovascular Medicine, Ann Arbor, Michigan, United States

Con: Floras, J., University of Toronto, Toronto, Canada

IMT is a Useful Test in the Clinical Assessment of Atherosclerotic Risk Treatment

Pro: Schmidt-Trucksass, A University of Basel, Switzerland

Con: Spence, D University Western Ontario, Canada

Reducing salt intake is a Public Health Issue rather than a Patient Health Prescription

Pro: MacGregor, G

Con: Rabkin S. W University of British Columbia, Canada

Diastolic Blood Pressure should be Lowered to Less than 70 mmHg to Control Systolic Hypertension

Pro: Heagerty, A.M., University of Manchester, Manchester, United Kingdom

Con: Larochelle, P University of Montreal, Montreal, Canada

Hypertension in the Elderly

What is the Threshold and Target?

Bulpitt, C., Imperial College, Hammersmith Hospital, London, United Kingdom

Considerations of Arterial Compliance and Consequences on the Kidney

Townsend, R., Hospital of the University of Pennsylvania, Philadelphia, PA, United States

Hypertension in the Elderly: Overview

Liu, L., Cardiovascular Institute and Fu Wai Hospital, Beijing, China

New Approaches to the Management of Refractory Hypertension

Endothelin Receptor Antagonists in the Treatment of Resistant Hypertension

Lindholm, L., Umea University Hospital, Umea, Sweden

Potential of Implantable Carotid Sinus Stimulator for Drug-Resistant Hypertension

Bakris, G., University of Chicago Pritzker School of Medicine, Chicago, IL, United States

Catheter-Based Renal Sympathetic Denervation for Resistant Hypertension: Current State of Progress

Esler, M., Baker Heart Research Institute, Melbourne, Victoria, Australia

Ambulatory Blood Pressure Monitoring

The Utility of 24h Blood Pressure Monitoring as a Marker of Target Organ Damage

Kotsis, V., Aristotle University, Thessaloniki, Greece

Clinical Science – How to

Strategies to Prevent the Development Chronic Renal Disease in Patients with Diabetes Mellitus and Hypertension

Chan, J.C.N., The Chinese University of Hong Kong, Hong Kong, China

How to Session for Nurse Practitioners

Core curriculum for Nurse clinicians for assessment and management of hypertension

How to Session for Pharmacists

Patient Assessment by the Pharmacist: Beyond Counselling – Monitoring Drug Therapy

Semchuk, W., Regina Qu Appelle Health Region, Regina, Saskatchewan, Canada

Thompson, A., University of Alberta, Edmonton, Canada

How to Implement Newer Strategies for the Medical Management of Obesity

The Medical Management of Obesity

Sharma, A., University of Alberta, Edmonton, Alberta, Canada

Hypertension Treatment and the Risk of Developing Diabetes Mellitus

The Importance of Diabetes and Pre-Diabetes in Hypertension Management

Haffner, S., University of Texas Health Science Center, San Antonio, Texas, United States

Discord (Post ACCORD) in the Prescription of Aggressive Hypoglycemic Therapy in Patients with Diabetes

Leiter, L., University of Toronto, Toronto, Ontario, Canada

Advances in Reducing the Burden of Vascular Disease in Diabetes

Chalmers, J., The University of Sydney Australia, Australia

Role of Nurse Clinician in Hypertension Management

Multidisciplinary Approaches to Management of Hypertension: Role of the Nurse Clinician

Dennison, C., Johns Hopkins University, Baltimore, Maryland, United States

Mechanisms of Obesity and Obesity-Related Cardiometabolic Complications

Pathophysiologic Mechanisms Linking Obesity and Hypertension

Hall, J., University of Mississippi Medical Center, Jackson, Mississippi, United States

The Role of Vascular Fat in the interaction of Obesity and Hypertension

Heagerty, A.M., University of Manchester, Manchester, United Kingdom

Stemming the Tide of Obesity: Management of Obesity in Children and Adolescence

Chanoine, J.-P., British Columbia Children's Hospital, Vancouver, British Columbia, Canada

Hypertension-related Cardiovascular Complications: Predictors of Risk and Responses to Therapy

Best Evidence for Blood Pressure Targets for Patients with Stroke and for Patients with Coronary Artery Disease

Mancia, G., University of Milan-Bicocca, Milan, Italy



CLINICAL – POPULATION SCIENCE

Optimal Guidelines for Management of Hypertension

European Guidelines in the Management of Hypertension: the 2009 reappraisal- where are the gaps

Mancia, G., University of Milan-Bicocca, Milan, Italy

Canadian Guidelines in the Management of Hypertension- impacting on the bottom line

Tobe, S., University of Toronto, Sunnybrook Health Sciences Centre-Nephrology, Toronto, Ontario, Canada

United States Guidelines (JNC Guidelines): What's Fallen Short Before, What's Being Fixed in JNC8?

Oparil, S., University of Alabama-Birmingham, Birmingham, United States

Panel Towards world guidelines

ISH/WHO Guideline Perspective

Lindholm, L., Umea University Hospital, Umea, Sweden

Prevention of Cardiovascular Disease with

Worksite/Community Based Programs

The Israeli Experience

Viskoper, J.R., Israel Forum for Prevention of Cardiovascular Diseases, Ashleon, Israel

The Chinese Experience

Zhang, X.-H., Chinese University of Hong Kong, Hong Kong, China

Eastern European Experience

Fodor, G., University of Ottawa Heart Institute, Ottawa, Ontario, Canada

Dietary Approaches in Management of Cardiovascular Risk

Dietary Approaches to Prevent and Treat Hypertension

Appel, L.J., Johns Hopkins Medical Institutions, Baltimore, Maryland, United States

Diet and Cardiovascular Disease

Puska, P., National Public Health Institute, Helsinki, Finland

Value, Utility and Limitations of Food Guides in Attaining Cardiovascular Health

Barr, S., University of British Columbia, Vancouver, British Columbia, Canada

Core Curriculum Part 1

How do you diagnose hypertension? How do you followup on patients with hypertension?

Measuring office bps. Avoiding the pitfalls

What Lab Tests Do You Ask For in the Routine Workup of Hypertensive Patients?

Assessment of Overall Cardiovascular Risk: A Practical Approach.

Blood Pressure Measurement: Ensuring Quality and Interpreting Results

What Is the Role of Echocardiography in Assessing the Extent/Complications of Hypertension?

Optimizing patient "buy-in" to their management plan: adherence strategies.

Lifestyle Modification as a Prescription for Hypertension: Physical exercise, stress management

Lifestyle Modification as a Prescription for Hypertension:

Dietary counselling, weight reduction

Global vascular protection in hypertensive patients

Recommendations for the Management of Hypertensive Patients with Cerebrovascular Disease

Maximizing the Use of Single Pill Combination Therapy for Better Adherence and Achieving Targets

PUBLIC HEALTH – POPULATION

Uncontrolled Hypertension – A Global Health Issue: Problems and Solutions

Hypertension in Emerging Countries and New Economies
Reddy, K.S., President Public Health Foundation of India, New Delhi, India

The Perspective from China

Zhao, D., Capital Medical University Beijing Anzhen Hospital, Beijing, China

Hypertension in Developed Countries

Poulter, N.R., Imperial College London, United Kingdom

Formulating Cardiovascular Public Policy

Approaches in Emerging Countries and New Economies

Reddy, K.S., President Public Health Foundation of India, New Delhi, India

Formulating Health Policy for Cardiovascular Health – A Canadian Perspective

Butler-Jones, D., Public Health Agency of Canada, Canada

Multiple Risk Factors in Development of Cardiovascular Disease: A Global Perspective

Determinants of Cardiovascular Disease: Comparative Risk Assessment of Dietary, Lifestyle, and Metabolic Risk Factors

Ezzati, M., Harvard School of Public Health, Boston, Massachusetts, United States

The Interrelationship of Hypertension to Diabetes Mellitus, Dyslipidemia and Abdominal Obesity in Japan

Shimamoto, K., Sapporo Medical University, Sapporo, Japan

Development of a Global Strategy for Global Risk Reduction – A Latin American Perspective

Ordunez-Garcia, P., Pan American Health Organization, Washington, DC, United States

How to set up a National Registry for Hypertensive Patients

Chair: Parati, Gianfranco, University of Milano-Gicozza, Milan, Italy

The Italian Hypertension Registry Experience

Omboni, S., Italian Institute of Telemedicine, Somma Lombardo, Varese, Italy

A framework for Future National Hypertension Registries

Parati, G., University of Milano-Gicozza, Milan, Italy

The Spanish Hypertension Registry Experience

Ruilope, L.M., Hospital 12 de Octubre, Madrid, Spain

Dietary Sodium and Population Health

An Overview of Salt and Cardiovascular Disease

MacGregor, G., St George's University of London, London, United Kingdom

Salt and Hypertension: Its relevance for Blood Pressure in Children and Adolescents

Neal, B., The George Institute for International Health, Camperdown, Australia

Strategies for Sodium Reduction in the Food Supply for the Population

Labarthe, D., National Center for Chronic Disease Prevention and Health Promotion, Atlanta, United States

How to Session – Population Science

Approach to Management of Hypertension in Developing Countries

Seedat, Y., University of Kwazulu Natal, Durban, South Africa

Challenges in Achieving Population Blood Pressure Control

Addressing Challenges from the Population Perspective

Labarthe, D., National Center for Chronic Disease Prevention and Health Promotion, Atlanta, United States

Enlisting Diverse Interest Groups to Effects Change: Lessons from an Environmental Health Experience

Marshall, D., Fraser Basin Council, Vancouver, British Columbia, Canada

Informing, Motivating and Improving Communication with Healthcare Professionals

Campbell, N., The University of Calgary, Calgary, Alberta, Canada



Chronic Disease Prevention

Health Effects and Financial Costs of Prevention Strategies

Ezzati, M., Harvard School of Public Health, Boston, Massachusetts, United States

Developing Countries

Management of Hypertension in Developing Countries

Mendis, S., WHO, Geneva, Switzerland

TRANSLATIONAL

CHEP/Hypertension Canada Symposium

Hypertension Canada Presidential Lecture

Hypertension is a renin-angiotensin disease of the kidney

Coffman, T., Duke University Medical Center, Durham, NC, United States

TRANSLATIONAL – CLINICAL SCIENCE

Sleep Disturbances and Blood Pressure Regulation

Sleep Apnea and Cardiovascular Risk

Floras, J., University of Toronto, Toronto, Ontario, Canada

The Genetic vs. Environmental Basis of Atherosclerotic Risk

Factors: Focus on Asian and North American Aboriginal Cardio-Metabolic Risk Profiles

The Genetic Basis of Cardiometabolic Risk in North American Aboriginals

Hegele, R., Robarts Research Institute, University of Western Ontario, London, Canada

Ethnicity and Cardiometabolic Risk: Definitions and Risk in Chinese

Zhao, D., Capital Medical University Beijing Anzhen Hospital, Beijing, China

Diabetes in Asia: Is there an Asian Phenotype for Diabetes Mellitus?

Chan, J.C.N., The Chinese University of Hong Kong, Hong Kong, China

Determinants of Atherosclerosis

Subclinical Atherothrombosis: Scientific Challenges at the Basic, Clinical, and Population Levels

Fuster, V., Mount Sinai Medical Center, New York, New York, United States

Unravelling the Genetics of Hypertension and Vascular Disease Sponsored by the University of Ottawa Heart Institute Symposium

Genome Wide Association Studies

Roberts, R., University of Ottawa Heart Institute, Ottawa, Ontario, Canada

Genetics of Hypertension and the Risk of Coronary Heart Disease

Boerwinkle, E., The University of Texas Health Science Center at Houston, Houston, United States

Identification of Candidate Genes Operative in People With Salt-Induced Hypertension

Leenen, F., University of Ottawa Heart Institute, Ottawa, Ontario, Canada

Vascular Aging

The Assessment of Early Vascular Aging

Kotsis, V., Aristotle University, Thessaloniki, Greece

Mechanisms of Vascular Disease in Women

Pathogenesis of Vascular Disease in Women

Oparil, S., University of Alabama-Birmingham, Birmingham, United States

All About Salt

Nonpressor Detrimental Effects of Sodium

Mimran, A., HU Hopital Lapeyronie, France

Hypertension and Pregnancy

The Pathophysiology of Hypertension in Pregnancy

Karumanchi, A., Beth Israel Deaconess Medical Center and Harvard Medical School, Boston, Massachusetts, United States

Identifying the Risk Factors and Biomarkers for Hypertension in Pregnancy and Adverse Outcomes

von Dadelszen, P., BC Women's Hospital & Health Centre, Vancouver, British Columbia, Canada

Controversies in the Management of Hypertension in Pregnancy

Sibal, B., University of Cincinnati, Cincinnati, United States

TRANSLATIONAL – BASIC SCIENCE

CNS Regulation Blood Pressure

The Renin-Angiotensin System in the Brain: New Insights into its Role in Cerebral Ischemia and Cognitive Function

Horiuchi, M., Ehime University School of Medicine, Toon, Ehime, Japan

The Genetics and Pharmacogenetics of Atherosclerosis

Plenary State of the Art: The Nature vs. Nurture (Genetics vs Environment) Basis of Atherosclerotic Risk Factors

Hegele, R., Robarts Research Institute, University of Western Ontario, London, Canada

Plenary State of the Art Pharmacogenomics: Personalized Medicine – Hope or Hype?

Hayden, M., University of British Columbia, Vancouver, British Columbia, Canada

Hypertension and the Kidney Sponsored by the International Society of Nephrology

The Role of Macrophages and VEGF C in Hypertension

Titze, J., University of Erlangen-Nurnberg, Erlangen, Germany

The Role of T Cells Infiltrating in the Kidney in the Pathogenesis of Hypertension

Rodriguez-Iturbe, B., Universitario de Maracaibo, Venezuela

Understanding and Addressing the Role of the Kidney Podocyte in Hypertension

Fujita, T., University of Tokyo, Tokyo, Japan

Recent Advances in Genomics and Epigenetics in the Understanding of Hypertension and its Relationship to Other Risk Factors

Impact of Genetic and Epigenetic Factors on the Development of Hypertension and Diabetes Mellitus and their Complications

Hamet, P., University of Montreal, Montréal, Quebec, Canada

Gene Polymorphisms and the Systemic Multiple Candidate Gene Approach to Identify Genes for Essential Hypertension

Ogihara, T., Osaka University, Japan

Genes Regulating the Development and Prevention of Hypertension

Harrap, S., University of Melbourne, Melbourne, Australia

New Antihypertensive Drugs, New Drug Targets

New Drugs and New Targets for the Treatment of Hypertension

Unger, T., Universitätsmedizin Berlin, Berlin, Germany

Industrial Strategies of Drug Development in the Cardiovascular System

Fischli, W., Actelion Pharmaceuticals Ltd., Switzerland

CEREMONY

ISH Award Ceremony & Presidential Lecture

Epigenetic Control of Smooth Muscle Cell Differentiation and Phenotypic Plasticity in Cardiovascular Disease

Owens, G.K., University Of Virginia, Charlottesville, VA, United States