



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 October 2009 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 the meeting by visiting the ISH 2010 **iplanner**. Please visit the Program page of the Meeting website to access the iplanner.

CLINICAL SCIENCE TRACK

Obesity and Hypertension

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

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

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

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

Impact of Genetic and Epigenetic Factors in Early Life on the Development of Hypertension and Diabetes Mellitus

Hamet, P., University of Montréal, Montréal, QC, Canada

Genes Regulating the Development and Prevention of Hypertension

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

Dietary Approaches in Management of Cardiovascular Risk

Dietary Approaches to Prevent and Treat Hypertension

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

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

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

Evaluation of Smoke Cessation Strategies

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

The Assessment of Early Vascular Aging

Kotsis, V., Aristotle University, Thessaloniki, Greece

New approaches to the management of refractory hypertension

Endothelin Receptor Antagonists in the Treatment of Resistant Hypertension

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

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

Esler, M., Baker IDI Heart & Diabetes Institute, Melbourne, Victoria, Australia

Optimal Guidelines for Management of Hypertension

European Guidelines in the Management of Hypertension

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

Canadian Guidelines in the Management of Hypertension

Tobe, S., University of Toronto, Toronto, ON, Canada

United States Guidelines (JNC Guidelines)

Hypertension and the Kidney

Sponsored by the International Society of Nephrology

The Role of Macrophages and VEGF C in Hypertension

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

Understanding and Addressing the Role of the Kidney in Hypertension

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

The Role of T Cells in the Kidney in the Production of Hypertension

Rodriguez-Iturbe, B. Universidad de Zulia and IVIC-Zulia, Maracabo, Venezuela

Hypertension and Pregnancy

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

von Dadelszen, P. University of British Columbia, Vancouver, BC, Canada

The Pathophysiology of Hypertension in Pregnancy

Karumanchi, A., Harvard Medical School, Boston, MA, United States

The Renin Angiotensin system in the Brain: New insights into its role in Cerebral Ischemia and Cognitive Function

Horiuchi, M., Ehime University, Japan

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, Ottawa, ON, Canada

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

Leenan, F., University of Ottawa, Ottawa, ON, Canada

State of the Art Lecture: Current Concepts in Vascular Disease

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

Hypertension in the Elderly

Lisheng, L., Beijing, China

The Importance of Diabetes and Pre-Diabetes in Hypertension Management

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

Automated Blood Pressure Measurement

Myers, M. University of Toronto, Toronto, ON, Canada



BASIC SCIENCE TRACK

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

An Overview of GPCR Signaling
Caron, M., Duke University, United States

GPCR Signalling Pathways in Vascular Smooth Muscle Cells
Bouvier, M., Université de Montréal, Montréal, QC, Canada

Altered GPCR Signaling in Hypertension
Gros, R., Vascular Biology Research Group, Robarts Research Institute, London, ON, Canada

Vascular Aging

Molecular Mechanisms of Cardiac and Vascular Aging
Lakatta, E., National Institutes of Health, United States

Cellular Enzymes Regulating Lifespan: Implications for Prevention of Vascular Disease
Pickering, G., Robarts Research Institute, University of Western Ontario, London, ON, Canada

Teleomere Length and Hypertension and Vascular Disease
Aviv, A., New Jersey Medical School, United States

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

Touyz, R., University of Ottawa, Ottawa, ON, Canada

Protein Phosphorylation and Kinase Networks

Pelech, S., Kinexus Bioinformatics Corp., University of British Columbia, Vancouver, BC, Canada

Lipid Signalling (Focus on Sphingolipids)

Sphingolipide Signalling: Ceramide - Sphingosine
Spiegel, S., Virginia Commonwealth University, Richmond, VA, United States

Relevance and Potential of Sphingosine-1-Phosphate for the Vascular System
van der Giet, M., Universitätsmedizin Berlin, Berlin, Germany

Rapid Steroid Signalling Pathways

Choreographing the Rapid Vascular Effects of Steroids: Sorting out the Partners and the Steps
Feldman, R., University of Western Ontario, London, ON, Canada

Reconsidering the Roles of the Mineralocorticoid Receptor
Funder, J., Prince Henry's Institute of Medical Research, Clayton, Victoria, Australia

Rapid Steroid Effects in Hypertension: Role of GPR30
Leeb-Lundberg, L.M.F., Lund University, Sweden

Innate Immunity in the Pathogenesis of Hypertension

Schiffirin, E.L., McGill University, Montreal, QC, Canada
The Société Québécoise d'Hypertension Artérielle Speaker

Cardiovascular Fibrosis in Hypertension and Heart Disease – Not Just an Innocent Bystander

Signal Transduction Mechanisms Mediating Cardiovascular Fibrosis
Insel, P., University of California, La Jolla, California, United States

WORKSHOPS

How do you Assess Oxidant Stress?

Touyz, R., University of Ottawa, Ottawa, ON, Canada

PUBLIC HEALTH / POPULATION SCIENCE TRACK

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, GA, United States

Informing, Motivating and Improving Communication with Healthcare Professionals

Campbell, N., University of Calgary, Calgary, AB, Canada

Uncontrolled Hypertension a Global Health Issue: Problems and Solutions

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

The Perspective from China

Zhao, D., Beijing Institute of Heart, Lung & Blood Vessel Disease, Beijing, China

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

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

State of the Art Lecture: Diet and Cardiovascular Disease

Puska, P., National Public Health Institute, Finland

Public Policy

Introduction to the Problem

Puska, P., National Public Health Institute, Finland

Approaches in Emerging Countries and New Economies

Reddy, S., Public Health Foundation of India, India

Dietary Sodium and Population Health

An Overview of Salt and Cardiovascular Disease
Macgregor, G., St George's University of London, London, United Kingdom

Strategies for Sodium Reduction in the Food Supply for the Population

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

Prevention of Cardiovascular Disease with Industry Based Programs

The Israeli experience

Viskoffer, R., the Israeli Forum for Prevention of Cardiovascular Diseases, Israel

Eastern European Experience

Fodor, G., University of Ottawa, Ottawa, ON, Canada

HOW TO SESSIONS

What Can We Learn From 24 Hour Blood Pressure Monitoring?

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

Kotsis, V., Aristotle University, Thessaloniki, Greece

Practical Tips for the Implementation of the Dash Diet

Implementation of the Dash Diet

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

How to Implement Newer Strategies the Medical Management of Obesity

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

Practical Tips for Cigarette Smoking Cessation

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

How to Effectively Manage Hypertension in Pregnancy

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