# THE 23<sup>RD</sup> SCIENTIFIC MEETING OF THE INTERNATIONAL SOCIETY OF HYPERTENSION



# GLOBAL CARDIOVAS CULAR RISK REDUCTION Vancouver Canada • September 26-30 • 2010

www.vancouverhypertension2010.com

#### PROGRAM UPDATE

JOINT MEETING FOR THE



This Program Update contains the updates and corrections to the ISH Scientific Program that have occurred since the printing of the Final Program. It also contains the Speaker Disclosure information.

The updates and corrections are listed by day. The Page Number references the session or poster's page number location in the Final Program.

## MONDAY, SEPTEMBER 27

## **Scientific Program Concurrent Sessions**

New presentation added at 8:45, presentation times changed Page in Final Program: 53

08:15-09:45	Public Health – Population Plenary Symposium Uncontrolled Hypertension – A Global Health Issue	Science  Ballroom A, L1
08:15	Incidence and Prevalence of Hyperten Canada, from 1998/99 to 2006/07 Robitaille C, Canada	sion in
08:25	Hypertension Prevalence in Malaysia Yusoff K, Malaysia	
08:35	Prevalence of Uncontrolled Hypertens America Juncos L, Argentina	ion in South
08:45	Hypertension in Africa Lemogoum D, Cameroon	
08:55	The Perspective from China Zhao D, China	
09:15	Hypertension in Developed Countries Poulter NR, United Kingdom	

# Co-chair added (Lee MM) Page in Final Program: 53

08:15-09:45 Clinical Science

State of the Art – Oral Presentations
Hypertension-related Cardiovascular
Complications: Predictors of Risk and
Responses to Therapy

Ballroom B, L1

**Chairs:** Meredith PA, United Kingdom, Lee MM, Korea, Republic of

## MONDAY, SEPTEMBER 27

## **Scientific Program Concurrent Sessions**

Chair added

Page in Final Program: 57

10:30-12:00 Public Health – Population Science

**Symposium** 

**Formulating Cardiovascular** 

Public Policy Ballroom A, L1

Chair: Young ER, Canada

New presenter (replacing Butler-Jones D, Canada)

Page in Final Program: 57

10:30-12:00 Public Health – Population Science

**Symposium** 

**Formulating Cardiovascular** 

Public Policy Ballroom A, L1

11:30 Formulating Health Policy for Cardiovascular Health

A Canadian Perspective

Elmslie K, Canada

New presenters

Page in Final Program: 64

14:15-15:45 Clinical Science

**Debates** 

Clinical Science - Debate 1 Room 109-110, L1

14:15 Should Masked Hypertension be Treated?

Pro: McKay D, Canada Con: Parati G, Italy

15:00 Are the Antihypertensive/CV Risk Reducing Effects

of Diuretics a Class (or a Chlothalidone-Specific)

Effect?

**Pro:** <u>Poulter NR</u>, United Kingdon **Con:** <u>MacFarlane P</u>, Canada

## MONDAY, SEPTEMBER 27

#### **Scientific Program Concurrent Sessions**

<u>Presentation removed and a new presentation added to session as a replacement</u>

Page in Final Program: 66/67

16:30-18:00 Basic Science

State of the Art - Oral Presentations

Vascular Signaling

Room 211-214, L2

17:20 Uncoupling Protein 2 Ablation Exacerbates High

Salt Intake-Induced Vascular Dysfunction Ma S<sup>1</sup>, Ma L<sup>1</sup>, Yang D<sup>1</sup>, Hao X<sup>1</sup>, Liu D<sup>1</sup>, Zhu Z<sup>1</sup>

<sup>1</sup>China

Above Presentation is withdrawn and will be replaced by the following presentation (PS2/TUE/47) (pg. 112 in Final Program):

Salt Causes Cardiovascular Damage Dose-Dependently, but Independently of Its Effect on Blood Pressure in General Population

<u>Hagikura A</u><sup>1,</sup> Takase H<sup>1,</sup> Toriyama T<sup>1,</sup> Okado T<sup>1,</sup> Sonoda H<sup>1,</sup> Dohi Y<sup>1,</sup> Kimura G<sup>1</sup>

<sup>1</sup>Japan

#### **Poster Sessions**

The following poster presentations have been withdrawn:

**Poster Session A** 

PS1/MON/2 - pg. 68

PS1/MON/3 - pg. 68

## TUESDAY, SEPTEMBER 28

#### **Scientific Program Concurrent Sessions**

Presenter change

Page in Final Program: 91/92

08:15-09:45 Clinical – Population Science

**Symposium** 

**Optimal Guidelines for Management** 

of Hypertension

Ballroom A, L1

09:15 ISH/WHO Guidelines Why is it Different and Why is

There a Need for it Mendis S, Switzerland

**New presenter** 

Page in Final Program: 99

14:15-15:45 Clinical – Population Science

**Symposium** 

**Dietary Approaches in Management** 

of Cardiovascular Risk Ballroom A, L1

14:45 Diet and Cardiovascular Disease

Fodor G. Canada

#### **Poster Sessions**

The following poster presentations have been withdrawn or moved:

#### **Poster Session B**

PS2/TUE/38 – moved to oral – pg. 111

PS2/TUE/47 - moved to oral - pg. 112

PS2/TUE/50 – pg. 113

PS2/TUE/211 – pg. 135

PS2/TUE/213 – pg. 136

PS2/TUE/286 – moved to oral – pg. 146

PS2/TUE/288 - pg. 146

## TUESDAY, SEPTEMBER 28

#### **Award Session**

New session

Page in Final Program: 330

ISH Pfizer Award Presentation 14:15-15:45

Room 220-222, L2

Chair: S Harrap Judges

Members: R. Hegele, S. Oparil, E. Schiffrin, R. Touyz

Shortlisted Abstracts:

Expression of the Novel Adipokines CTRP (Complement-C1q TNF -related protein)-5, CTRP-6, and CTRP-7 in the Adrenal Gland and Periadrenal Fat Tissue

Rossi GR, Italy

Effects of Hypolipemic Drugs on Modulation of MCP-1, PAI-1 and Adiponectin in 3T3-L1 Adipocytes

Zanella MT, Brazil

Activation of Macrophages is Crucial for the Loss of **Anticontractile Capacity of Perivascular Fat** Following Inflammation and Can Be Rescued by Eplerenone

Withers S, United Kingdom

Rosuvastatin and Chronotherapy: Effects on Blood Pressure in Hypertensive Subjects with Dyslipidemia

Pena Seijo M, Spain

Plasma Copeptin, a Unifying Factor Behind the **Metabolic Syndrome** 

Enhörning S, Sweden

Natriuretic Peptides/ cGMP-dependent Protein Kinase Cascades Increase Muscle Mitochondrial **Content and Prevent Obesity** 

Miyashita K, Japan

#### **Scientific Program Concurrent Sessions**

Chair added

Page in Final Program: 152

08:15-09:45 Basic - Translational Science

**Symposium** 

Hypertension and the Kidney Room 211-214, L2

Sponsored by the International Society of

Nephrology

Chair: Larivière R, Canada

New presenter and presentation title change

Page in Final Program: 152

08:15-09:45 Translational – Clinical Science

Symposium

Unravelling the Genetics of Hypertension and Vascular Disease

Ballroom C, L1

08:45 Genetics of Hypertension – Molecular Mechanisms

in the Vasculature

Sigmund CD. United States

Change of presenter
Page in Final Program: 158

10:30-12:00 Clinical - Population Science

**Symposium** 

**Prevention of Cardiovascular** 

**Disease with Worksite/Community** 

Based Programs Room 109-110, L1

10:30 Cardiovascular Risk Reduction at the Workplace:

The Israeli Experience

Gavish D, Israel

#### **Scientific Program Concurrent Sessions**

Co-chair added (Insel P)
Page in Final Program: 154

10:30-12:00 Basic Science

**Symposium** 

GPCR Signalling: Dysregulation in

**Hypertension – A Tribute to** 

Jacques de Champlain Ballroom A, L1

Chairs: Moreau P, Canada, Insel P, United States

Co-chair added (Aviv A)
Page in Final Program: 157

10:30-12:00 Translational – Clinical Science

State of the Art – Oral Presentations

Vascular Aging Room 211-214, L2

Chairs: Pickering G, Canada, Aviv A, United States

Poster presentations added as oral presentation

Page in Final Program: 160

14:15-15:45 Translational – Clinical Science

**Symposium** 

**Hypertension and Pregnancy** Room 211-214, L2

15:15-15:30 **Prediction of Preeclampsia by First Trimester** 

E-Selectin

<u>Dellec C</u>, United Kingdom

15:30-15:45 Vitamin D and Hypertension in Pregnancy

Ringrose J, Canada

#### **Poster Sessions**

#### Presenter change

Page in Final Program: 166

#### PS3/WED/9

#### Class Effects of BP-Lowering Drugs on Central Blood Pressure Measurement

Uetani E<sup>1</sup>, Tabara Y<sup>1</sup>, <u>Igase M</u><sup>1</sup>, Kido T<sup>1</sup>, Ochi N<sup>1</sup>, Kohara K<sup>1</sup>, Miki T<sup>1</sup> <sup>1</sup>Japan

#### Presentation title change

Page in Final Program: 167

#### **PS3/WED/18**

Damage to the Anticontractile Capacity of Perivascular Adipose Tissue Strongly Correlates with Elevation of Blood Pressure: Results from a Diet-Induced Model of Obesity

Park BH<sup>1</sup>, <u>Aghamohammadzadeh R</u><sup>1</sup>, Greenstein AS<sup>1</sup>, Porter EL<sup>1</sup>, Edwards G<sup>1</sup>, Weston AH<sup>1</sup>, Heagerty AM<sup>1</sup>
<sup>1</sup>United Kingdom

#### Presenter change

Page in Final Program: 169

#### **PS3/WED/31**

The G Protein Regulator Phosducin Influences the Risk of Hypertension Only in Patients with Overweight

Ragazzo F<sup>1</sup>, Ceolotto G<sup>1</sup>, Frigo G<sup>1</sup>, Bratti P<sup>1</sup>, Saladini F<sup>1</sup>, Santonastaso M<sup>1</sup>, Mos L<sup>1</sup>, Cozzio S<sup>1</sup>, <u>Palatini P</u><sup>1</sup>

Iltaly

#### Presenter change

Page in Final Program: 179

#### PS3/WED/106

Postprandial Hypotension as a Risk Factor for Cognitive Decline in Community-Dwelling Elderly Persons

Uetani E<sup>1</sup>, Tabara Y<sup>1</sup>, <u>Igase M</u><sup>1</sup>, Kido T<sup>1</sup>, Ochi N<sup>1</sup>, Yamamoto M<sup>1</sup>, Kohara K<sup>1</sup>, Miki T<sup>1</sup>

<sup>1</sup>Japan

#### **Poster Sessions**

#### Presenter change

Page in Final Program: 186

#### **PS3/WED/152**

Combination of Telmisartan 80 MG and Hydrochlorothiazide 25 MG Provides Clinically Relevant Blood Pressure Reductions in Hypertensive Patients Irrespective of Baseline Blood Pressure McGill J<sup>1</sup>, Neldam S<sup>2</sup>, Schumacher H<sup>3</sup>, Guthrie R<sup>1</sup>
<sup>1</sup>United States, <sup>2</sup>Denmark, <sup>3</sup>Germany

#### New presenter

Page in Final Program: 187

#### **PS3/WED/157**

Baroreflex Activation Therapy® (BAT®) Acutely Improves Central Arterial Properties in Resistant Hypertension Patients
Heusser K¹, Tank J¹, Engeli S¹, Menne J¹, Eckert S¹, Haller H¹,
Georgakopoulos D², Pichlmaier AM¹, Luft FC¹, Jordan J¹, Kaufman C.²
¹Germany, ²United States

#### Presenter change

Page in Final Program: 187

#### **PS3/WED/158**

Baroreflex Activation Therapy® Improves Functional Capacity and Reduces Left Ventricular Mass Index: Results From European and United States Trials of the Rheos® System

Bisognano JD¹, Kroon AA², Bach DS¹, <u>Kaufman C</u>¹, de Leeuw P² ¹United States. ²Netherlands

#### Presenter change

Page in Final Program: 205

#### PS3/WED/284

Intimal Thickening in the Leg Arteries as an Early Indicator of Atherosclerosis in Hypertensive Patients

Agarwal SK<sup>1</sup>, <u>Agarwal NK</u><sup>1</sup> <sup>1</sup>United States

#### **Poster Sessions**

#### **New Presenter**

Page in Final Program: 219

#### **PS3/WED/388**

## Urinary Calcium and Magnesium Excretion and Blood Pressure: INTERMAP Study

Tzoulaki I<sup>1</sup>, Kesteloot H<sup>2</sup>, Brown IJ<sup>1</sup>, Stamler J<sup>3</sup>, Elliott P<sup>1</sup>, <u>Wijeyesekera A</u><sup>1</sup>, International Collaborative Research Group on Macro-/Micronutrients and Blood Pressure

<sup>1</sup>United Kingdom, <sup>2</sup>Belgium, <sup>3</sup>United States

The following poster presentations have been withdrawn:

PS3/WED/4 - pg. 165 PS3/WED/43 - pg. 170 PS3/WED/53 - pg. 172 PS3/WED/265 - pg. 202 PS3/WED/266 - pg. 202 PS3/WED/309 - pg. 208 PS3/WED/355 - pg. 214

# Thursday

## THURSDAY, SEPTEMBER 30

### **Scientific Program Concurrent Sessions**

Presentation title change Page in Final Program: 227

08:15-09:45 Public Health – Population Science

State of the Art - Oral Presentations

Chronic Disease Prevention Ballroom B, L1

08:15 Update on the Sodium Reduction Strategy for

Canada

Hutchinson H, Canada

<u>Presentation removed, new speaker and presentation title change</u> Page in Final Program: 231

10:30-12:00 Clinical Science

Symposium

**Mechanisms of Obesity and** 

**Obesity-Related Cardiometabolic** 

**Complications: Emphasis on** 

Children and Adolescence Ballroom A, L1

Chair: Touyz R, Canada

10:30 Pathophysiologic Mechanisms Linking Obesity and

Hypertension: The Role of Vascular Fat in the Interaction of Obesity and Hypertension

Heagerty AM, United Kingdom

11:00 Impact of Obesity on Blood Pressure in Children

and Adolescents Stabouli S, Greece

11:30 Stemming the Tide of Obesity: Management of

**Obesity in Children and Adolescents** 

Chanoine JP, Canada

# **Thursday**

## THURSDAY, SEPTEMBER 30

## **Scientific Program Concurrent Sessions**

#### Session withdrawn

10:30-12:00 Clinical Science

Symposium

Mechanisms of Obesity and Obesity-Related Cardiometabolic

Complications Ballroom A, L1

10:30 Pathophysiologic Mechanisms Linking Obesity and

Hypertension
Hall J, United States

Session withdrawn
Page in Final Program: 238

14:30-15:20 **Population Science** 

Late Breaker Presentations

Population Featured Research Ballroom B, L1

14:40 Risk of Hypertension in Rural Outpatient

Population of Anhui Province, P.R. China Hu S-L<sub>1</sub>, Wu L<sub>1</sub>, Fang X<sub>1</sub>, Chen Y<sub>1</sub>, Shen G<sub>1</sub>

1China

Co-chair added (Onrot J)
Page in Final Program: 238

14:30-15:20 **Population Science** 

**Late Breaker Presentations** 

Population Featured Research Ballroom B, L1

Chairs: Chockalingam A, Canada, Onrot J, Canada

# Ihursday

## THURSDAY, SEPTEMBER 30

#### **Scientific Program Concurrent Sessions**

#### **New session**

14:30-15:30	Clinical Science Late Breaker Presentations Do ARBs Cause Cancer?	Ballroom A, L1
	Chair: Elliot H, United Kingdom	
	Do Angiotensin Receptors Blockers (ARBs)	Cause Cancer
14:30	Background on the Potential for Drugs to Cancer McWilliams A, Canada	Cause (Lung)
14:40	The Evidence in Favour of ARBs Producing Cancer Campbell N, Canada	
15:00	The Evidence Against ARBs Producing Car Julius S, United States	ncer

#### **Poster Sessions**

15:20

### Oral session to poster PS4/THU/287

Discussion

15:30-16:30	Basic Science	
	Late Breaker Presentations	
	Late Breaking Studies	
	Pathobiology	Ballroom C, L1

15:30 Inhibition of Apop Gene Expression Prevents
Hypoxia/reoxygenation-Induced Death of
Cardiomyocytes

Yamamoto E<sup>1</sup>, Yasuda O<sup>1</sup>, Mitsuyama SK<sup>1</sup>, Ogawa H<sup>1</sup>

<sup>1</sup>Japan

## THURSDAY, SEPTEMBER 30

#### **Poster Sessions**

#### Presentation title change

Page in Final Program: 257

#### PS4/THU/101

Interaction between Sleep Duration and Genetic Variations in Development of Hypertension: A 6 Year of Follow-Up in Korean **Genome Epidemiology Study (KoGES)** 

Lee SK1, Baik I1, Kim SH1, Kim S1, Lee J1, Cho N1, Han B-G1, Chol S1 <sup>1</sup>Korea, Republic of

#### Presenter change

Page in Final Program: 265

#### PS4/THU/159

Metabolic Syndrome Prevalence in Arterial Hypertension Unit of **Granada (South of Spain)** 

Mediavilla García JD<sup>1</sup>, Jaén Águila F<sup>1</sup>, Fernández Torres C<sup>1</sup>, Jiménez Alonso J<sup>1</sup> <sup>1</sup>Spain

The following poster presentation has been withdrawn:

**PS4/THU/161** – pg. 265

## SPEAKER DISCLOSURE

In accordance with Accreditation Council of Continuing Medical Education (ACCME) Standards for Commercial Support, all faculty participating in these programs are expected to disclose to the program audiences any real or apparent conflict of interest related to the content of their presentation.

Name	Do you have any relationship(s) with any pharmaceutical and/or corporate sponsors in relation to the presentation of your subject that need to be disclosed? If yes, please describe below.	
Michael Adams	Grant funding from Amgen Inc. regarding treatments for chronic kidney disease related outcomes	
Lawrence J. Appel	Honorarium from Unilever	
Malcolm Arnold	No response	
Abraham Aviv	None	
Simon Bacon	Paid consultant for CME on health behaviour change, Merrck Frost; Advisory board for obesity-asthma study, Scherring-Plough	
George Bakris	Consultant for Merck, Novartis, GSK, Fibrogen, Johnson and Johnson, Walgreen's, Daichi-Sankyo, Takeda, Abbott. Investigator-initated grants: GSK, Forest	
Susan Barr	Member of Health Canada's Food Guide Advisory Committee, 2004-2007 (no remuneration)	
Peter Bolli	None	
Steffen-Sebastian Bolz	None	
Michel Bouvier	None	
Nancy Brown	Consultant for Novartis, Merck, Boehringer-Ingleheim; Grant funding Forest Pharma and Shire HRT	
Christopher Bulpitt	In receipt of research funds and honoraria from Institut de Recherches Internationales Servier	
David Butler-Jones	None	
Norman Campbell	Support for travel to meeting, 2010 BI	
Tavis Campbell	None	
Marc Caron	No response	
Lisa A. Cassis	None	
John Chalmers	Received Research grants from Servier International, as Co-PI for ADVANCE, administered through the University of Sydney; Received Honoraria from Servier for speaking about ADVANCE at Scientific meetings; Member of the Servier Diabetes Advisory Board	
Juliana C. N. Chan	Received research grants, consultancy fees and speaker's fee from Astra Zeneca, Bayer, BMS, Daiichi Sankyo, Lilly, Novartis, Novo Nordisk, Merck, MSD, Roche, Sanofi-Aventis and Pfizer on subjects related to diabetes. All proceeds have been donated to the Chinese University of Hong Kong to support ongoing research and education programs in diabetes and related areas	
Jean-Pierre Chanoine	Received speaker fees from Roche pharmaceutical company; Participated in a clinical study sponsored by Roche pharmaceutical company	
Arun Chockalingam	None	
Lyne Cloutier	No response	
Thomas Coffman	No response	
William Cushman	No response	
Cheryl Dennison	None	
Murray Esler	Ardian Corporation USA	
Majid Ezzati	None	
Robert Fagard	None	
Ross Feldman	No response	
Walter Fischli	No response	
John Floras	Vice Chair of a randomized controlled trial evaluating the impact of adaptive servoventilation on survival and hospitalizations of heart failure patients who also have sleep apnea. This trial is funded by the Canadian Institutes of Health Research but is supported as well by an unrestricted gift to the Toronto Rehabilitation Institute by Philips Respironics	

## SPEAKER DISCLOSURE

George Fodor	Research grants from Solvay and Boehringer Ingelheim; Speaker Fees from Solvay	
Toshiro Fujita	Honorarium and consulting fees: Takeda, Daiiti-Sankyo, Asteras, Tanabe-Mitsubishi, Novartis, Boehringer, Banyu, and Mochida; Research grants: Takeda, Daiichi-Sankyo, Asteras, Novartis, Boehringer, Banyu, and Tanabe-mitsubishi	
John Funder	Consultant to Pfizer, Merck, Fresenius Kabi, Roche; CBio - Board Member	
Valentin Fuster	No response	
Venkat Gopalakrishnan	None	
Beverly Green	None	
Robert Gros	None	
Steven Grover	Have received research funding from Merck, Bayer, and AstraZeneca; Have been a speaker at symposia sponsored by Merck; Have been a member of advisory boards for Merck, Pfizer, Bayer, BMS, and AstraZeneca	
Jong-Won Ha	None	
Steven Haffner	Novartis-Navigator Study Executive Committee	
John Hall	None	
Pavel Hamet	Research grant from Canada Research Chair, Génome Québec / Canada, Pfizer, Pari-GC, Canadian Foundation for Innovation, Canadian Institutes for Health Research; Speaker fees from Merck Frosst, Bristol Myers Squibb, Servier, Novartis, Bayer, Sanofi Aventis, Astra Zeneca; Member of Advisory Board of Pfizer, Bristol Myers Squibb, Eli Lilly, Servier, Novartis, BioK+ and Cybiocare; Consultant for Bellus Health and Servier	
Stephen Harrap	None	
Michael Hayden	None	
A M Heagerty	None	
Robert Hegele	None	
Michael Hill	CHEP CRC committee; Grant support in the last 5 years from Merck Canada, Bayer Canada, Roche Canada; CIHR grants on hypertension; CSN best practices committee for hypertension guidelines; Honouraria from Sanofi-Aventis, Genentech, Roche Canada, BMS Canada, Portola Therapeutics, Boehringer Ingelheim Canada, Novonordisk Canada	
Masatsugu Horiuchi	None	
Paul Insel	None	
Stevo Julius	None	
Janusz Kaczorowski	None	
Ananth Karumanchi	No response	
Vasilios Kotsis	None	
Darwin Labarthe	None	
Darwin Labarthe Edward Lakatta		
	None	
Edward Lakatta	None None Member of advisory boards; Industrial-supported research; Speak at commercially	
Edward Lakatta Pierre Larochelle	None None Member of advisory boards; Industrial-supported research; Speak at commercially sponsored CHE events	
Edward Lakatta Pierre Larochelle Scott Lear	None None Member of advisory boards; Industrial-supported research; Speak at commercially sponsored CHE events None	
Edward Lakatta Pierre Larochelle  Scott Lear L M Fredrik Leeb-Lundberg	None None Member of advisory boards; Industrial-supported research; Speak at commercially sponsored CHE events None None	
Edward Lakatta Pierre Larochelle Scott Lear L M Fredrik Leeb-Lundberg Frans Leenen	None None Member of advisory boards; Industrial-supported research; Speak at commercially sponsored CHE events None None None Received research funding from, have provided CME on behalf of, and have acted as an advisor to Astra Zeneca, BMS, Eli Lilly, GSK, Merck, Novartis, Novo Nordisk, Roche, Sanofi-	
Edward Lakatta Pierre Larochelle Scott Lear L M Fredrik Leeb-Lundberg Frans Leenen Lawrence Leiter	None None Member of advisory boards; Industrial-supported research; Speak at commercially sponsored CHE events None None None Received research funding from, have provided CME on behalf of, and have acted as an advisor to Astra Zeneca, BMS, Eli Lilly, GSK, Merck, Novartis, Novo Nordisk, Roche, Sanofi-Aventis and Servier	
Edward Lakatta Pierre Larochelle Scott Lear L M Fredrik Leeb-Lundberg Frans Leenen Lawrence Leiter Dan Levy	None None Member of advisory boards; Industrial-supported research; Speak at commercially sponsored CHE events None None None Received research funding from, have provided CME on behalf of, and have acted as an advisor to Astra Zeneca, BMS, Eli Lilly, GSK, Merck, Novartis, Novo Nordisk, Roche, Sanofi-Aventis and Servier No response	
Edward Lakatta Pierre Larochelle Scott Lear L M Fredrik Leeb-Lundberg Frans Leenen Lawrence Leiter Dan Levy Lars Lindholm	None None Member of advisory boards; Industrial-supported research; Speak at commercially sponsored CHE events None None None Received research funding from, have provided CME on behalf of, and have acted as an advisor to Astra Zeneca, BMS, Eli Lilly, GSK, Merck, Novartis, Novo Nordisk, Roche, Sanofi-Aventis and Servier No response None	
Edward Lakatta Pierre Larochelle Scott Lear L M Fredrik Leeb-Lundberg Frans Leenen Lawrence Leiter Dan Levy Lars Lindholm Lisheng Liu	None None Member of advisory boards; Industrial-supported research; Speak at commercially sponsored CHE events None None None Received research funding from, have provided CME on behalf of, and have acted as an advisor to Astra Zeneca, BMS, Eli Lilly, GSK, Merck, Novartis, Novo Nordisk, Roche, Sanofi-Aventis and Servier No response None None	
Edward Lakatta Pierre Larochelle Scott Lear L M Fredrik Leeb-Lundberg Frans Leenen Lawrence Leiter Dan Levy Lars Lindholm Lisheng Liu Graham MacGregor	None None Member of advisory boards; Industrial-supported research; Speak at commercially sponsored CHE events None None None Received research funding from, have provided CME on behalf of, and have acted as an advisor to Astra Zeneca, BMS, Eli Lilly, GSK, Merck, Novartis, Novo Nordisk, Roche, Sanofi-Aventis and Servier No response None None	
Edward Lakatta Pierre Larochelle Scott Lear L M Fredrik Leeb-Lundberg Frans Leenen Lawrence Leiter Dan Levy Lars Lindholm Lisheng Liu Graham MacGregor Laura Magee	None None Member of advisory boards; Industrial-supported research; Speak at commercially sponsored CHE events None None None Received research funding from, have provided CME on behalf of, and have acted as an advisor to Astra Zeneca, BMS, Eli Lilly, GSK, Merck, Novartis, Novo Nordisk, Roche, Sanofi-Aventis and Servier No response None None None	
Edward Lakatta Pierre Larochelle  Scott Lear L M Fredrik Leeb-Lundberg Frans Leenen Lawrence Leiter  Dan Levy Lars Lindholm Lisheng Liu Graham MacGregor Laura Magee Phil McFarlane	None None Member of advisory boards; Industrial-supported research; Speak at commercially sponsored CHE events None None None Received research funding from, have provided CME on behalf of, and have acted as an advisor to Astra Zeneca, BMS, Eli Lilly, GSK, Merck, Novartis, Novo Nordisk, Roche, Sanofi-Aventis and Servier No response None None None None None None	
Edward Lakatta Pierre Larochelle Scott Lear L M Fredrik Leeb-Lundberg Frans Leenen Lawrence Leiter  Dan Levy Lars Lindholm Lisheng Liu Graham MacGregor Laura Magee Phil McFarlane Donald McKay	None None Member of advisory boards; Industrial-supported research; Speak at commercially sponsored CHE events None None None Received research funding from, have provided CME on behalf of, and have acted as an advisor to Astra Zeneca, BMS, Eli Lilly, GSK, Merck, Novartis, Novo Nordisk, Roche, Sanofi-Aventis and Servier No response None None None None None None Noresponse	

## SPEAKER DISCLOSURE

Bruce Neal	Consultant/Advisor/Consultant Fee, paid advisory boards or fees for attending a meeting — Pfizer (2005), Roche (2009), Takeda (2010), Pepsico (2010); Lecture fees (honoraria) travel fees or reimbursements when speaking at the invitation of a commercial entity — Amgen (2007), AstraZeneca (2010), GlaxoSmithKline (2007), Pfizer (2007), Roche (2005), Sanofi Aventis (2006), Servier (2008), Tanabe (2007); Research support from a commercial entity — Johnson and Johnson (2010), Merck Schering Plough (2010), Servier (2010), United Healthcare Group (2010); Any other non-financial roles that might be viewed as creating a potential conflict of interest — Professor Neal interacts regularly with multiple large corporations in the Pharmaceutical Industry, the Food Processing Industry and the Quick Service Restaurant industry in Australia and overseas, in his efforts to achieve negotiated solutions to major public health problems
Toshio Ogihara	None
Stefano Omboni	Scientific consultant for the Company developing the telemedicine service used in the Italian Registry
Susan Oparil	Grant Support: Daiichi Sankyo Inc., Gilead, and Takeda; Consultant: Boehringer-Ingelheim, Daiichi Sankyo Inc., Eli Lilly, Forest Laboratories, NicOx, Novartis, Schering-Plough, The Salt Institute, and VIVUS; Honoraria: Daiichi Sankyo Inc., Merck and Co., and Novartis
Eduardo Ortiz	No response
Gary K. Owens	None
Catherine Pang	None
Gianfranco Parati	No response
Steven Pelech	President and Chief Scientific Officer of Kinexus Bioinformatics Corporation.  Presentation will include a description of the technologies that are applied at Kinexus to generate some of the information presented in presentation.
Geoffrey Pickering	Presenter holds a patent related to the presentation topic
Andrew Pipe	Pfizer – Research Support; Consultant for Speakers' Bureau, GSK, Johnson & Johnson
Neil R. Poulter	No response
Simon Rabkin	No response
Robert Roberts	None
Bernardo Rodriguez-Iturbe	No response
Luis M. Ruilope	Advisor and speaker for Lacer, sponsor of Spanish ABPM registry
Ernesto L. Schiffrin	None
Arno Schmidt-Trucksaess	Imedos Systems
Yackoob Seedat	None
William Semchuk	None
Arya Sharma	No response
Kazuaki Shimamoto	Takada Pharmaceutical Company, Novartis Pharma Company, Asteras Pharmaceutical Company
Denise Simons-Morton	None
John David Spence	None
Sarah Spiegel	None
Ann Thompson	None
Jens Titze	None
Sheldon Tobe	No response
Rhian Touyz	None
Raymond Townsend	None
Luc Trudeau	None
Thomas Unger	None
Markus van der Giet	None
Jim Vanderwal	None
J.Reuven Viskoper	None
Peter von Dadelszen	No response
Thomas W. Wilson	None
Xin Hua Zhang	None
Dong Zhao	None

## **Meeting Secretariat**

Contact the Meeting Secretariat (Sea to Sky Meeting Management) at the VCC by visiting the Registration Desk located in the Foyer, West Level 1.

Alternatively, you can contact the Secretariat via email at info@vancouverhypertension2010.com.