

# The Pulse of Asia 2014 in ATHENS

organizing with the Artery Society

ESC working group on peripheral circulation/  
ESH working group on vascular structure and function/  
North American Artery Society  
(An Official Satellite Symposium of ESH/ISH2014)

**June 12 PM – 13 AM, 2014**  
**Athens, GREECE**  
Divani Caravel Hotel Athens

<http://www.pulseasia2014.org/>



North American Artery

Secretariat of POA 2014  
c/o Convention Linkage, Inc.  
Sanbancho KS Bldg., 2 Sanbancho, Chiyoda-ku,  
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E-mail: poa2014@c-linkage.co.jp

## Welcome Address

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Dear Friends and Colleagues,

We are cordially inviting you to attend The Pulse of Asia 2014 in ATHENS organizing with the Artery Society/European Society of Cardiology working group on peripheral circulation/European Society of Hypertension working group on vascular structure and function/North American Artery Society, which will be held from June 12th (Thursday) to June 13th (Friday) 2014 in Athens, Greece.

This Meeting will cover broad range of topics regarding basic, clinical researches and translational researches under the common theme of “Artery and Hypertension”. The topics will be diverse enough to cover the interest of colleagues from various fields such as cardiology, endocrinology, nephrology, gerontology, neurology, physiology, molecular biology, biomechanical society and population science and more. Finally, we welcome young investigators to present their brilliant research regarding the area of vascular and pulse research.

See you in June in Athens.

Organizing Committee of The Pulse of Asia 2014 in ATHENS

Chair: Akira Yamashina, M.D.

Secretary: Hirofumi Tomiyama, M.D.

Tokyo Medical University

## Committee Members

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### Organizing Committee in Japan

**Chair:**

Akira Yamashina (Tokyo Medical University)

**Secretary:**

Hirofumi Tomiyama (Tokyo Medical University)

**Committee Members:**

Junichiro Hashimoto (Tohoku University)

Yukihito Higashi (Hiroshima University)

Yutaka Imai (Tohoku University)

Kazuomi Kario (Jichi Medical University)

Yuhei Kawano (National Cerebral and Cardiovascular Center Hospital)

Katsuhiko Kohara (Ehime University)

Masanori Munakata (Tohoku Rosai Hospital)

Mitsuru Ohishi (Kagoshima University)

Hiromi Rakugi (Osaka University)

Kazuyuki Shimada (Shin-Oyama City Hospital)

Kohji Shirai (Toho University)

Hiromichi Suzuki (Saitama Medical University Hospital)

Kenji Takazawa (Tokyo Medical University)

### Organizing Committee in Asia

**Committee Members:**

Walter Abhayaratna (Australia)

Alberto Avolio (Australia)

Chen-Huan Chen (Taiwan)

Namsik Chung (Korea)

Zhu Dingliang (China)

Xiongjing Jiang (China)

Kee-Sik Kim (Korea)

Byung-Hee Oh (Korea)

Jeong Bae Park (Korea)

David Quek (Malaysia)

A. Rashid A Rahman (Malaysia)

Micheal O'Rourke (Australia)

James Sharman (Australia)

Piyamitr Sritara (Thailand)

Jun Tao (China)

Choon Meng Ting (Singapore)

Ji-Guang Wang (China)

Hung-I Yeh (Taiwan)

Wu Zhausu (China)

## **International Organizing Committee**

### **Committee Members:**

Luc M. Van Bortel (Belgium)

Philip Chowienczyk (UK)

Stephane Laurent (France)

Raymond R. Townsend (USA)

Charalambos Vlachopoulos (Greece)

## Meeting Information

### General Information

**Dates:** June 12 (Thur.) PM – 13 (Fri.) AM, 2014

**Venue:** Divani Caravel Hotel  
2 Vas. Alexandrou Avenue, 16121 Athens, Greece

### Registration

**Location of Registration Desk:**

Foyer at the Mezzanine Floor, Divani Caravel Hotel

**Registration Time:**

14:00–19:00, June 12 (Thur.) / 7:30–12:00, June 13 (Fri.)

**Registration Fee:**

Category	Pre-Registration January 20 (Mon.)– May 26 (Mon.), 2014		On-sit Registration June 12 (Thur.)– June 13 (Fri.), 2014	
	Registration Fee	100 EURO	13,000 JPY	120 EURO
Welcome Reception (June 12)	30 EURO	4,000 JPY	30 EURO	*Cash only (EURO)

### Program

**Luncheon Seminar:**

Lunch will be provided at the Foyer in front of the meeting venue (Macedonia).

**Poster Presentation:**

Coffee will be served at the Foyer.

**Exhibition Schedule:**

14:30–19:30, June 12 (Thur.) / 8:00–11:00, June 13 (Fri.)

**Welcome Reception:**

Welcome Reception will be held at 20:30 at the Horizon Hall, Roof Garden Floor.

**Pulse Editorial Board Meeting:**

7:15–8:00, June 13 (Fri.) at Naoussa, the Mezzanine Floor

### Meeting Venue

**Slide Preview Room:**

14:00–19:00, June 12 (Thur.) / 7:30–12:00, June 13 (Fri.)

**Use of Cameras and Videos:**

To record presentation data on cameras, camcorders, and mobile phones is strictly prohibited.

**Smoking:**

Except the designated smoking area, the meeting venue is entirely non-smoking conditions.

## Secretariat

### Scientific Secretariat of POA 2014:

Chair: Akira Yamashina, M.D.

Secretary: Hirofumi Tomiyama, M.D.

Department of Cardiology, Tokyo Medical University, Japan

### Organizing Secretariat of POA 2014:

Ruriko Miyagawa / Takanori Kaneko

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TEL: +81-3-3263-8688 / FAX: +81-3-3263-8693

E-mail: poa2014@c-linkage.co.jp

## Information for Chair/Discusser/Presenter

### Chair/Discusser:

Chair/Discusser is required to arrive at the meeting venue at least 15 minutes before the session starts. Each presentation time is as follows.

[Session I-IV] Presentation: 12 minutes / Discussion: 10 minutes

[Lifetime Achievement Award Invited Lecture] 20 minutes

[Guideline] AHA: 20 minutes / JC: 15 minutes / ESC: 15 minutes

[Luncheon Seminar] Presentation: 40 minutes / Q&A: 5 minutes

[Evening Seminar] Presentation: 25 minutes / Q&A: 5 minutes

[Poster Presentation] Presentation: 3 minutes / Q&A: 2 minutes

### Presenter:

Presenter is required to stop by the Slide Preview Room to upload your presentation data at least 30 minutes before your session starts. If your presentation is scheduled early in the morning on June 13 (Fri.), presenters are kindly requested to visit the Preview Room on June 12 (Thur.). Please bring your presentation data on a USB memory stick or CD-R with you. If you have any audio or videos in your presentation data, please inform the operators. Please make sure to bring your laptop and peripheral equipment if you are going to use a Macintosh.

## Information for Speakers of Poster Presentation

### Speaker:

Poster displays should be mounted and removed during the designated times as below. Pushpins will be provided in each poster boards.

### Posting Schedule/Information:

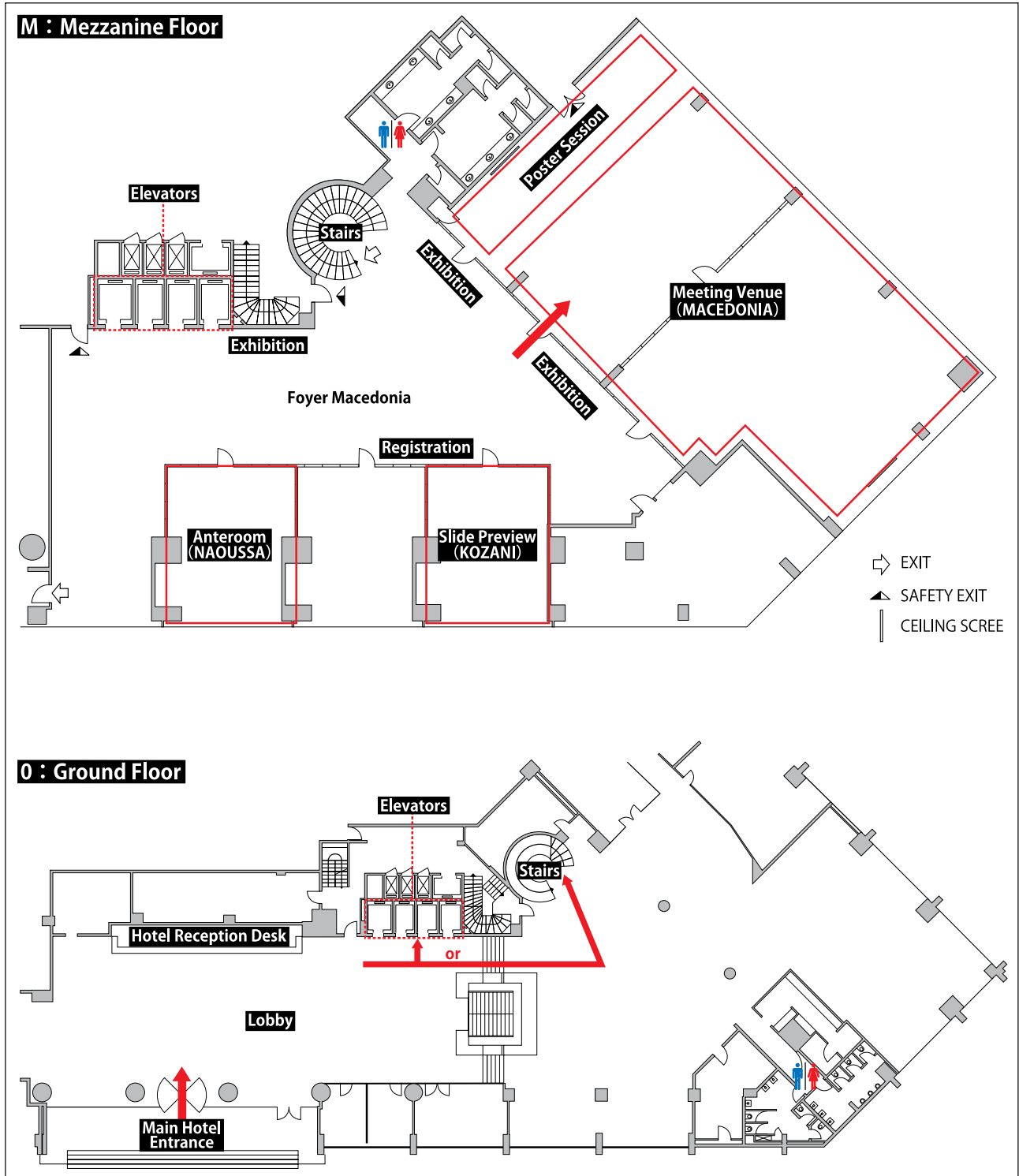
Set up 14:00–17:00, June 12 (Thur.)

Presentation 17:30–18:00, June 12 (Thur.)

Take down 11:00–13:00, June 13 (Fri.)

Size of Poster Board Height: 2 m/Width: 1 m

## Floor Map



## Program

### June 12 (Thur.), 2014

#### 15:30–15:40 **Opening Remarks**

*Akira Yamashina* (Chair of the Organizing Committee, POA 2014)  
*Byung Hee Oh* (President of POA)

#### 15:40–16:38 **Session I: NAA (North American Artery Society)**

“Artery stiffness: benefits of exercise and detriments to kidney function”

##### Chair

*Raymond R. Townsend* (University of Pennsylvania, USA)  
*Yuhei Kawano* (National Cerebral and Cardiovascular Center, Japan)

##### Presenter

*Bo Fernhall* (USA)  
“Arterial stiffness, exercise and chronic kidney disease: is exercise training beneficial?”  
*Gary L. Pierce* (USA)  
“Habitual aerobic exercise in the prevention of vascular aging: Molecular insights from translational studies in rodents and humans”  
*Sungha Park* (Korea)  
“Gender difference in arterial stiffness at rest and during exercise”  
*Junichiro Hashimoto* (Japan)  
“Central hemodynamics and renal damage/dysfunction in hypertension”

##### Discussor

*Hiromichi Suzuki* (Saitama Medical School, Japan)

#### 16:50–17:20 **Lifetime Achievement of Award**

donated to Prof. Kazuyuki Shimada and Prof. Stéphane Laurent

##### Chair

*Akira Yamashina* (Tokyo Medical University, Japan)  
*Chen-Huan Chen* (National Yang-Ming University, Taipei Veterans General Hospital, Taiwan)

##### Presenter

*Stéphane Laurent* (Paris-Descartes University, Hôpital Européen Georges Pompidou, France)

#### 17:30–18:00 **Poster Presentation**

Chair: AI-1 *Junichiro Hashimoto* (Japan)  
Chair: AI-2 *James Sharman* (Australia)  
Chair: AI-3 *Kenji Takazawa* (Japan)  
Chair: PWV-1 *Masanori Munakata* (Japan)  
Chair: PWV-2 *Xiongjing Jiang* (China)  
Chair: PWV-3 *Alberto P. Avolio* (Australia)  
Chair: Artery-1 *Hirofumi Tomiyama* (Japan)  
Chair: Artery-2 *Jeong Bae Park* (Korea)

#### 18:00–18:46 **Session II: ECC (European Society of Cardiology working group of peripheral circulation)**

“Poly-vascular Disease”

##### Chair

*Kee-Sik Kim* (Daegu Catholic University, Medical Center, Korea)  
*James Sharman* (University of Tasmania, Australia)

##### Presenter

*Thomas Weber* (Austria)  
“Pulsatile hemodynamics in polyvascular disease”  
*Damiano Rizzoni* (Italy)  
“Poly-Vascular Disease: Identification and Management”  
*Kuo-Liong Chien* (Taiwan)  
“Segmental Arterial Stiffness in Relation to B type Natriuretic Peptide with Preserved Systolic Function among Intermediate-Risk Patients in Taiwan”

##### Discussor

*James Sharman* (University of Tasmania, Australia)  
*Jun Tao* (The First Affiliated Hospital of Sun Yat-Sen University, China)

#### 19:00–19:30 **Evening Seminar** (Sponsored by FUKUDA DENSHI Co., LTD.)

##### Chair

*Byung-Hee Oh* (Seoul National University College of Medicine, Korea)

##### Presenter

*Shigeo Horinaka* (Japan)  
“Associations between cardio-ankle vascular index (CAVI) and thoracic aorta structure or stiffness using multi-detector computed tomography”

#### 20:30–22:30 **Welcome Reception** (Sponsored by UNEX CORPORATION)



**June 13 (Fri.), 2014**

**8:00–8:58 Session III: Artery (the Association for Research into Arterial Structure and Physiology in Europe)**  
“Arterial aging in hypertension”

**Chair**

*Ian Wilkinson* (Addenbrooke's Hospital, Cambridge, UK)  
*Kohji Shirai* (Toho University, Chiba, Japan / President, Mihama Katori Clinic, Seijinkai, Japan)

**Presenter**

*Marina Cecelja* (UK)  
“Mechanisms of Vascular Aging in the Twins UK cohort”  
*Carmel McEnery* (UK)  
*Ji-Guang Wang* (China)  
“Brachial-Ankle Pulse Wave Velocity as a Predictor of Mortality in the Elderly”  
*Kazuomi Kario* (Japan)  
“What is the “SHATS?” – Vicious cycle of blood pressure variability and vascular disease on organ damage”

**Discussor**

*Xiongjing Jiang* (Peking Union Medical College, Chinese Academy of Medical Sciences, China)

**9:10–10:00 Guidelines**

**Chair**

*Philip Chowienczyk* (King's College London, UK)  
*Mitsuru Ohishi* (Graduate School of Medical and Dental Sciences, Kagoshima University, Japan)

**Presenter**

*Raymond R. Townsend* (USA)  
AHA (American Heart Association)  
*Yukihito Higashi* (Japan)  
JC (Japanese Circulation Society)  
“Guidelines for non-invasive vascular function test (JCS 2013): Endothelial Function”  
*Masanori Munakata* (Japan)  
JC (Japanese Circulation Society)  
“How to use brachial-ankle pulse wave velocity in daily practice: guideline of Japanese Circulation Society”  
*Charalambos Vlachopoulos* (Greece)  
ESC (European Society of Cardiology working group of peripheral circulation)  
“European Society of Cardiology Guidelines on Vascular Biomarkers”

**10:10–11:08 Session IV: ESH (European society of hypertension working group of vascular structure and function)**  
“How to de-stiffen the artery?”

**Chair**

*Luc Van Bortel* (Heymans Institute of Pharmacology, Ghent University, Belgium)  
*Jeong Bae Park* (Cheil General Hospital, Kwandong University College of Medicine, Korea)

**Presenter**

*Charalambos Vlachopoulos* (Greece)  
“How to Destiffen the Arteries”  
*Pierre Boutouyrie* (France)  
“Destiffening of arteries: recent evidences issued from central blood pressure measurements”  
*Michael F. O'Rourke* (Australia)  
“Destiffening of Major Arteries as a Strategy for Therapy of Hypertensive Cardiac Failure, Cerebral and Renal Small Vessel Disease”  
*Noriko Satoh-Asahara* (Japan)  
“The Utility of CAVI in predicting the cardiovascular risks of Obesity and Metabolic Syndrome”

**Discussor**

*Kenji Takazawa* (Tokyo Medical University Hachioji Medical Center, Japan)  
*Jun Tao* (The First Affiliated Hospital of Sun Yat-Sen University, China)

**11:20–12:05 Luncheon Seminar** (Sponsored by OMRON HEALTHCARE Co., Ltd.)

**Chair**

*Charalambos Vlachopoulos* (University of Athens Medical School, Greece)

**Presenter**

*Hirofumi Tomiyama* (Japan)  
“Vascular Function Tests: Their Next Steps”

**12:05–12:25 Closing Remarks / Travel Award**

*Akira Yamashina* (Chair of the Organizing Committee, POA 2014)  
*Alberto P. Avolio* (Vice President of POA)

**12:25–12:45 General Business Meeting**