

**3<sup>rd</sup> Gwangju-Boston  
Joint  
Cardiology Symposium**  
New paradigm of Cardiovascular Therapeutics

Chonnam National Univ. Hospital, Jebong-Ro, Dong-Gu, Gwangju, Korea  
TEL. +82-62-220-6246 / FAX. +82-62-220-3105

3<sup>rd</sup>  
**Gwangju-Boston Joint  
Cardiology Symposium**

25-26<sup>th</sup> May, 2012

Chonnam National University Medical School, Gwangju

Course Directors : Youngkeun Ahn, MD / Peter M. Kang, MD

Organized by : Heart Research Center, Chonnam National University Hospital  
Biomedical Research Institute, Chonnam National University Hospital

Supported by : Ministry for Health, Welfare and Family Affairs  
National Research Foundation  
University Industry Liaison Office of Chonnam National University

Grade : Korean Medical Association 6 Point



# INVITATION

Dear Colleagues,

The Organizing Committee takes great pleasure in inviting you to The Third Gwangju-Boston Joint Cardiology Symposium, which will be held on May 25-26, 2012 in Gwangju, South Korea.

This meeting will provide lectures by international and domestic outstanding faculties in the field of cardiovascular therapeutics.

We sincerely hope that this meeting will support international collaborations among scientists in promoting new vision for the future researches.

We look forward very much to welcoming you to the Gwangju-Boston Joint Cardiology Symposium in Gwangju, a city fabulous rich in culture and the arts and hub of Korea's southwest region.

Sincerely yours,

**Youngkeun Ahn, MD**  
**Peter M. Kang, MD**

# PROGRAM

**DAY 1** 25<sup>th</sup> May (Fri), 2012  
Myung-Hak Hall

- 15:00-15:40 **Special Talk for Medical Students**  
Ravi Thadhani (Massachusetts General Hospital, USA)
- 15:50-15:55 **Welcome Remark**  
Min-Cheol Lee (Dean of Chonnam National University Medical School, Korea)
- 15:55-16:05 **Introduction from Program Organizers**  
Peter M. Kang (Beth Israel Deaconess Medical Center, USA)
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- New Horizon of Cardiovascular Therapeutics**  
Chairmen **Jong Chun Park (Chonnam National University Hospital, Korea)**  
**Peter M. Kang (Beth Israel Deaconess Medical Center, USA)**
- 16:05-16:20 **New Drug-Eluting Stents to Prevent Stent Thrombosis and Restenosis for Acute Myocardial Infarction - From the Experience of Acute Myocardial Infarction Registry**  
Myung Ho Jeong (Chonnam National University Hospital, Korea)
- 16:20-16:40 **Past, present and Future in Endothelial Research**  
Paul M. Vanhoutte (University of Hong Kong, Hong Kong)
- 16:40-16:55 **Percutaneous valve repair: an update**  
Roger J. Laham (Beth Israel Deaconess Medical Center, USA)
- 16:55-17:50 **Development of stem cell product "Cellgram"**  
Hyun-Soo Kim (PHARMICELL, Korea)
- 17:30-17:45 **Reminiscence**  
Jung Chae Kang (Chonnam National University Hospital, Korea)

Cardiovascular

**08:30–08:30** **Welcome Remark**  
Eun-Kyu Song (Director of Chonnam National University Hospital, Korea)

### Special Lecture

**Chairman** Hyun Kook (Chonnam National University Medical School, Korea)

**08:40–09:20** Progenitor cell homeostasis in development and the adult  
Jonathan A. Epstein (University of Pennsylvania, USA)

### Part 1. Stem Cell Therapy

**Chairmen** Hyo-Soo Kim (Seoul National University Hospital, Korea)  
Annarosa Leri (Brigham and Women's Hospital, USA)

**09:20–09:55** Cardiac Stem Cell Niches  
Annarosa Leri (Brigham and Women's Hospital, USA)

**09:55–10:15** Role of glucose and amino acid as beyond nutrients in regulation of stem cells behaviors  
Ho Jae Han (Seoul National University, USA)

**10:15–10:35** Stem Cell Therapy in AMI; The optimal delivery strategy for stem cells  
Youngkeun Ahn (Chonnam National University Hospital, Korea)

**11:05–11:40** Cardiac Regeneration: Can we turn back time?  
Ronglih Liao (Brigham and Women's Hospital, USA)

**11:40–12:00** Stem cell niches defined by genome-wide epigenetic analysis  
Tae-Young Roh (Pohang University of Science and Technology, Korea)

### Luncheon Symposium

**Chairman** Jeong Gwan Cho (Chonnam National University Hospital, Korea)

**12:15–12:35** Small molecules that confer multipotency to muscle cells  
Darren R. Williams (Gwangju Institute of Science and Technology, Korea)

### Part 2. Young Scientist Session

**Chairmen** Ronglih Liao (Brigham and Women's Hospital)  
Paul Vanhoutte (University of Hong Kong, Hong Kong)

**13:30–13:45** Priming of phytoestrogen genistein in outgrowth EC progenitors enhances cell bioactivities and cardiac regeneration following acute ischemia  
Sang Hun Lee (Pusan National University Medical School, Korea)

**13:45–14:00** Exercise Rescues Vascular Action in Response to Hypoxia in Aged Animal and Humans  
Xian Wu Cheng (Nagoya University Graduate School of Medicine, Japan)

**14:00–14:15** Effect of Fimasartan In A Porcine Model of Acute Myocardial Infarction  
Doo Sun Sim (Chonnam National University Hospital, Korea)

### Part 3. Pharmacogenetic and Translational Therapy

**Chairmen** Paul M. Vanhoutte (University of Hong Kong)  
Youngkeun Ahn (Chonnam National University Hospital, Korea)

**14:45–15:15** Potential Mechanisms of Statin Pleiotropy  
James K. Liao (Brigham and Women's Hospital, USA)

**15:15–15:45** Myogenesis strategies for heart disease  
Roger J. Laham (Beth Israel Deaconess Medical Center, USA)

**15:45–16:15** Role of angiogenesis in disease pathogenesis  
Ananth Karumanchi (Beth Israel Deaconess Medical Center, USA)

**16:45–17:15** Preclinical and Clinical Studies on Vitamin D and Heart Failure  
Ravi Thadhani (Massachusetts General Hospital, USA)

**17:15–17:45** Novel Therapeutics using Nanotechnology in CV disease  
Peter M. Kang (Beth Israel Deaconess Medical Center, USA)



# Invited Faculties

## International Faculties

- Xian Wu Cheng**  
Nagoya University Graduate School of Medicine, Japan
- Ananth Karumanchi**  
Beth Israel Deaconess Medical Center, USA
- Annarosa Leri**  
Brigham and Women's Hospital, USA
- James K. Liao**  
Brigham and Women's Hospital, USA
- Jonathan A. Epstein**  
University of Pennsylvania, USA
- Ravi Thadhani**  
Massachusetts General Hospital, USA
- Roger J. Laham**  
Beth Israel Deaconess Medical Center, USA
- Ronglih Liao**  
Brigham and Women's Hospital, USA
- Peter M. Kang**  
Beth Israel Deaconess Medical Center, USA

## Domestic Faculties

- Youngkeun Ahn**  
Chonnam National University Hospital, Korea
- Ki Yuk Chang**  
Seoul St. Mary's Hospital, Korea
- Byung-Ryul Cho**  
Kangwon National University Hospital, Korea
- Jeong Gwan Cho**  
Chonnam National University Hospital, Korea
- Ho Jae Han**  
Seoul National University, Korea
- Young Joon Hong**  
Chonnam National University Hospital, Korea
- Myung Ho Jeong**  
Chonnam National University Hospital, Korea
- Da-Woon Jung**  
Gwangju Institute of Science and Technology, Korea
- Jung Chae Kang**  
Chonnam National University Hospital, Korea
- Hyo Soo Kim**  
Seoul National University Hospital, Korea
- Hyun Soo Kim**  
PHARMICELL, Korea
- Ju Han Kim**  
Chonnam National University Hospital, Korea
- Kye Hun Kim**  
Chonnam National University Hospital, Korea
- Nam Ho Kim**  
Wonkwang University Hospital, Korea
- Weon Kim**  
KyungHee University Medical Center, Korea
- Yong Sook Kim**  
Chonnam National University Hospital, Korea
- Hyun Kook**  
Chonnam National University Medical School, Korea
- Young Youp Koh**  
Chosun University Hospital, Korea
- Jin Sook Kwon**  
Chonnam National University Hospital, Korea
- Min-Cheol Lee**  
Chonnam National University Medical School, Korea
- Sang Hun Lee**  
Pusan National University Medical School, Korea
- Seung Uk Lee**  
Kwangju Christian Hospital, Korea
- Hyung Wook Park**  
Chonnam National University Hospital, Korea
- Jong Chun Park**  
Chonnam National University Hospital, Korea
- Keun Ho Park**  
Chonnam National University Hospital, Korea
- Tae-Young Roh**  
Pohang University of Science and Technology, Korea
- Doo Sun Shim**  
Chonnam National University Hospital
- Eun-Kyu Song**  
Chonnam National University Hospital, Korea
- Paul M. Vanhoutte**  
University of Hong Kong, Hong Kong
- Darren R. Williams**  
Gwangju Institute of Science and Technology, Korea
- Hyun Ju Yoon**  
Chonnam National University Hospital, Korea

# Registration Guide

## 1. How To Register

Department of Cardiology, Chonnam National University Hospital, Jebong-Ro, Dong-gu, Gwangju, Korea  
E-mail [Cardiomr@hanmail.net](mailto:Cardiomr@hanmail.net) Tel +82-62-220-4764 Fax +82-62-223-3105

Mi Ran Kim, Conference Secretary

Name						
Institution						
Title	<input type="checkbox"/> MD	<input type="checkbox"/> Ph	<input type="checkbox"/> Researcher	<input type="checkbox"/> RN	<input type="checkbox"/> RT	<input type="checkbox"/> Other
E-mail						
Tel						
Fax						
Address						

25-26<sup>th</sup> May, 2012 Myung-Hak Hall

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