

3rd Gwangju-Boston Joint Cardiology Symposium

25-26th May, 2012

Chonnam National University Medical School, Gwangju

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

Hosted by: Biomedical Research Institute, Chonnam National University Hospital

Foundation of Woosim Research

Heart Center of Chonnam National University Hospital

Heart Research Center Nominated by Korea Ministry of Health and Welfare, Chonnam National University Hospital

Korea Cardiovascular Stent Research Institute of Chonnam National University

National Research Foundation of Korea

University Industry Liaison Office of Chonnam National University

Grade: Korean Medical Association 6 Point



PROGRAM

Time 25th 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 Remarks**

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)

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 **Update on percutaneous valves and structural heart disease**

Roger J. Laham (Beth Israel Deaconess Medical Center, USA)

16:55-17:10 **Development of Stem Cell Product "Cellgram"**

Hyunsoo Kim (PHARMICELL, Korea)

17:30-17:45 **Reminiscence**

Jung Chae Kang (Chonnam National University Hospital, Korea)

Time 26th May(Sat), 2012, Myung-Hak Hall

08:30-08:40 **Welcome Remarks**

Eun-Kyoo 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, Korea)

10:15-10:35 **Stem Cell Therapy in Acute Myocardial Infarction; 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

Chairmen 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, USA)
Paul M. 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 Human**

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, 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 healthy heart**

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)