

4th, 2014

Gwangju-Boston Joint Cardiology Symposium

16-17th May, 2014, Myung-Hak Hall
Chonnam National University Medical School, Gwangju

Course Director

· Youngkeun Ahn, MD, PhD, FACC, FSCAI

Hosted by

- Woosim Heart Research Corporation
- Korea Cardiovascular Stent Research Institute of Chonnam National University
- National Research Foundation of Korea
- University Industry Liaison Office of Chonnam National University
- Ministry of Health & Welfare of Korea
- Cardiovascular Convergence Research, Chonnam National University Hospital
- Biomedical Research Institute, Chonnam National University Hospital

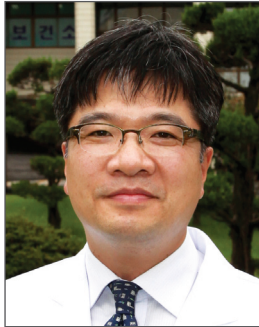
Grade

· Korean Medical Association 6 Point



전남대학교병원
CHONNAM NATIONAL UNIVERSITY HOSPITAL

INVITATION



Youngkeun Ahn, MD

Dear Colleagues,

The Organizing Committee takes great pleasure in inviting you to The Fourth Gwangju-Boston Joint Cardiology Symposium, which will be held on May 16-17, 2014 in Gwangju, South Korea.

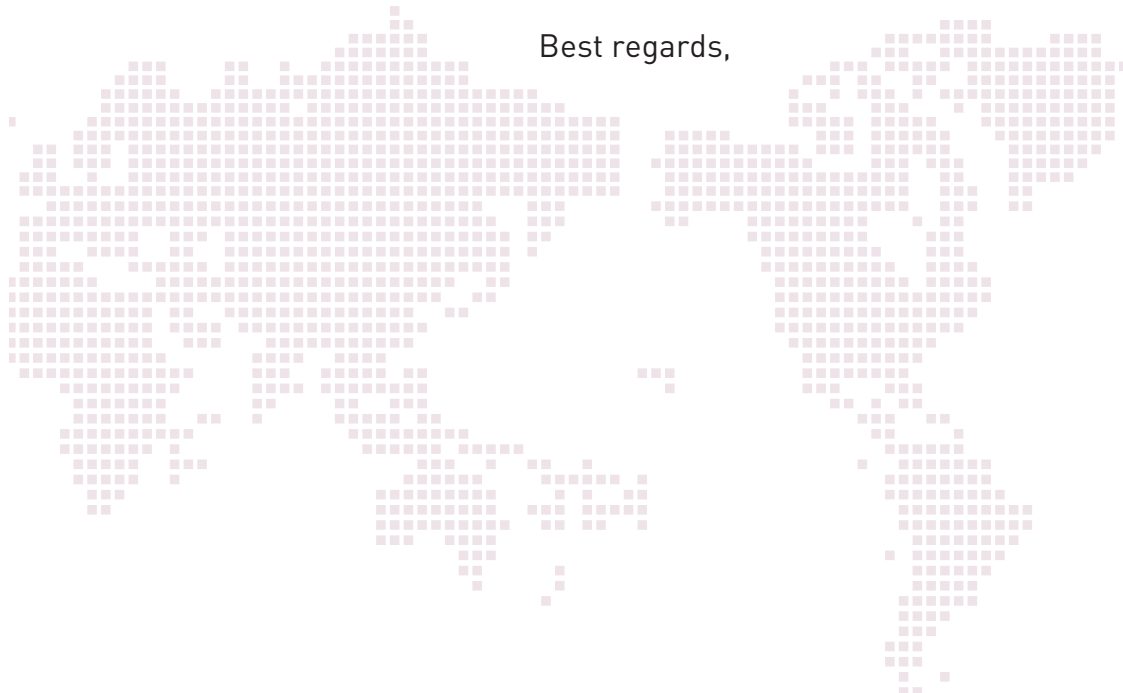
This symposium will provide lectures by international and domestic outstanding faculties in the field of cardiovascular research.

It is my sincere hope that this symposium will support international collaborations in promoting new vision for the research development.

I 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.

Best regards,

A handwritten signature in black ink, appearing to read 'Youngkeun Ahn'.



PROGRAM

16th May(Fri), 2014 | Myung-Hak Hall

14:30~17:40

Special Lecture

14:30~15:00

Registration

15:00~15:10

Welcome Remarks

Boo Ahn Shin (Dean of Chonnam National University Medical School, Korea)

Chairmen

Kyung Keun Kim (Chonnam National University, Korea)
Stefanie Dimmeler (University of Frankfurt, Germany)

15:10~15:30

Development of cardiac therapeutics with physiological signaling factor-optimized mesenchymal stem cells

Youngkeun Ahn (Chonnam National University Hospital, Korea)

15:30~15:50

Cell therapy and cardiovascular repair

Ronglih Liao (Harvard Medical School, USA)

15:50~16:10

Discussion

Panelist

Ronglih Liao (Harvard Univ.), Youngkeun Ahn (Chonnam Natl. Univ.)
Dong Kyu Jin (Soonchunhyang Univ.), Darren R. Williams (GIST)
Weon Kim (Kyung Hee Univ.), Hyung Wook Park (Chonnam Natl. Univ.)
Yoo Wook Kwon (Seoul Natl. Univ.)

16:10~16:30

Coffee Break

Chairmen

Myung Ho Jeong (Chonnam National University Hospital, Korea)
Jong Chun Park (Chonnam National University Hospital, Korea)

16:30~16:50

Cardiac regeneration: hope or hype

Stefanie Dimmeler (University of Frankfurt, Germany)

16:50~17:10

Regulation of cardiac pathogenesis by miRNAs

Do Han Kim (Gwangju Institute of Science and Technology, Korea)

17:10~17:30

Discussion

Panelist

Stefanie Dimmeler (Frankfurt Univ.), Do Han Kim (GIST)
Marcello Rota (Harvard Univ.), Da Woon Jung (GIST)
Yong Sook Kim (Chonnam Natl. Univ.), Tomohisa Nagoshi (The Jikei Univ.)
Hae Jin Kee (Chonnam Natl. Univ.)

17:30~17:40

Closing Remarks

17:40~

Banquet

PROGRAM

17th May(Sat), 2014 | Myung-Hak Hall

08:30~09:00 **Registration**

09:00~09:10 **Welcome Remarks**

Jung Chae Kang (Chonnam National University Hospital, Korea)

Yoon Ha Kim (Director of Chonnam National University Hospital, Korea)

Chairmen

Hyo Soo Kim (Seoul National University Hospital, Korea)

Marcello Rota (Harvard Medical School, USA)

09:10~10:45 **Session 1. Molecular Targeting for Cardiac Repair**

09:10~09:40 **Non-coding RNAs in cardiovascular disease**

Stefanie Dimmeler (University of Frankfurt, Germany)

09:40~09:55 **Role of CCN5 in cardiac fibrosis**

Woo Jin Park (Gwangju Institute of Science and Technology, Korea)

09:55~10:10 **A new role of stem cell factor in vascular biology**

Wonhee Suh (Ajou University, Korea)

10:10~10:25 **Blood-derived progenitor cell for in vivo neovascularization**

Hyung Joon Joo (Korea University Anam Hospital, Korea)

10:25~10:45 **Discussion**

Panelist

Wonhee Suh (Ajou Univ.), Woo Jin Park (GIST)

Young Joon Hong (Chonnam Natl. Univ.), Hyung Joon Joo (Korea Univ.)

Kiyuk Chang (Catholic Univ.), Il Suk Sohn (Kyung Hee Univ.)

Xian Wu Cheng (Nagoya Univ.)

10:45~11:10 **Coffee Break**

Chairmen

Do Sun Lim (Korea University, Korea)

Ronglih Liao (Harvard Medical School, USA)

11:10~12:35 **Session 2. The Science of Cardiac Regeneration**

11:10~11:30 **Activation of cardiac progenitor cells**

Marcello Rota (Harvard Medical School, USA)

11:30~11:45 **Virus engineering for cardiovascular regeneration**

So Young Yoo (Pusan National University, Korea)

11:45~12:00 **Heterogeneous potential of cardiac differentiation from pluripotent stem cells**

Chang Hwan Yoon (Seoul National University Hospital, Korea)

12:00~12:15 **Making vessel out of fibroblasts from skin, heart & other parenchymes :
concept of the induced endothelial cell**

Hyo Soo Kim (Seoul National University Hospital, Korea)

12:15~12:35 **Discussion**

Panelist

Marcello Rota (Harvard Univ.), So Young Yoo (Pusan Natl. Univ.)

Chang Hwan Yoon (Seoul Natl. Univ.), Hyo Soo Kim (Seoul Natl. Univ.)

Tae Young Roh (POSTECH), Hun-Jun Park (Catholic Univ.)

Hae Chang Jeong (Chonnam Natl. Univ.)

12:35~14:00 **Lunch Break**

PROGRAM

Chairmen

Il Hoan Oh (Catholic University, Korea)
Ki Chul Hwang (Yonsei University Medical School, Korea)

14:00~15:45 Session 3. Pathology of Heart Failure

14:00~14:20 **The new insight into the regulation of glucose and electrolytes metabolism in the pathophysiology of cardiac diseases**

Tomohisa Nagoshi (The Jikei University School of Medicine, Japan)

14:20~14:35 **Transforming cardiovascular cell therapy with biomaterials**

Byung Soo Kim (Seoul National University, Korea)

14:35~14:50 **Genetic perturbation of NCOA6-PPAR δ signaling leads to dilated cardiomyopathy**

Seok Min Kang (Yonsei University Medical School, Korea)

14:50~15:10 **Regulatory mechanisms of cathepsin K on cardiac hypertrophy and remodeling**

Xian Wu Cheng (Nagoya University Graduate School of Medical, Japan)

15:10~15:25 **Epigenetic regulation of cardiac hypertrophy and heart failure**

Hyun Kook (Chonnam National University, Korea)

15:25~15:45 Discussion

Panelist

Tomohisa Nagoshi (The Jikei Univ.), Byung Soo Kim (Seoul Natl. Univ.)
Seok Min Kang (Yonsei Univ.), Hyun Kook (Chonnam Natl. Univ.)
Jang-Whan Bae (Chungbuk Natl. Univ.), Jin Hur (Seoul Natl. Univ.)
Xian Wu Cheng (Nagoya Univ.)

15:45~16:00 Coffee Break

Chairmen

Youngkeun Ahn (Chonnam National University Hospital, Korea)
Xian Wu Cheng (Nagoya University Graduate School of Medical, Japan)

16:00~17:25 Session 4. Cell Reprogramming Therapy

16:00~16:20 **Can we turn back time?: lessons from the mouse**

Ronglih Liao (Harvard Medical School, USA)

16:20~16:35 **Direct conversion: a novel therapeutic strategy for Parkinson's disease**

Jongpil Kim (Dongguk University, Korea)

16:35~16:50 **Discovery of a novel reprogramming agent and its application to cardiogenesis**

Darren R. Williams (Gwangju Institute of Science and Technology, Korea)

16:50~17:05 **5-azacytidine programs macrophage phenotypes during myocardial infarction**

Yong Sook Kim (Chonnam National University Hospital, Korea)

17:05~17:25 Discussion

Panelist

Ronglih Liao (Harvard Univ.), Jongpil Kim (Dongguk Univ.)
Darren R. Williams (GIST), Yong Sook Kim (Chonnam Natl. Univ.)
Jae Young Lee (GIST), Sang Hun Lee (Soonchunhyang Univ.)
Kye Hun Kim (Chonnam Natl. Univ.)

17:25~17:35 Closing Remarks

17:35~ Dinner

INVITED FACULTIES

International Faculties

Alfajaro Mia Madel

Doctor of Veterinary Medicine, University of the Philippines Los Banos, Philippines

Futoshi Yamanaka

Shonan Kamakura Hospital, Japan

Inna Kim

Tashkent Medical Academy, Uzbekistan

Marcello Rota

Harvard Medical School, USA

Nguyen Hong Hanh

Ho Chi Minh City University of Technology, Vietnam

Nguyen Thi Thinh

Hanoi college of Science, Vietnam

Piao Zhe Hao

Jilin Central Hospital, China

Ronglih Liao

Harvard Medical School, USA

Stefanie Dimmeler

University of Frankfurt, Germany

Tomohisa Nagoshi

The Jikei University School of Medicine, Japan

Xian Wu Cheng

Nagoya University Graduate School of Medical, Japan

Domestic Faculties

Byung Soo Kim

Seoul National University, Korea

Chang Hwan Yoon

Seoul National University Hospital, Korea

Da Woon Jung

Gwangju Institute of Science and Technology, Korea

Darren R. Williams

Gwangju Institute of Science and Technology, Korea

Do Han Kim

Gwangju Institute of Science and Technology, Korea

Do Sun Lim

Korea University, Korea

Dong Im Cho

Chonnam National University, Korea

Dong Kyu Jin

Soonchunhyang University, Korea

Doo Sun Sim

Chonnam National University Hospital, Korea

Hae Chang Jeong

Chonnam National University Hospital, Korea

Hae Jin Kee

Chonnam National University Hospital, Korea

Hun Jun Park

Catholic University, Korea

Hyo Soo Kim

Seoul National University Hospital, Korea

Hyun Ju Yoon

Chonnam National University Hospital, Korea

Hyun Kook

Chonnam National University Medical School, Korea

Hyung Joon Joo

Korea University Anam Hospital, Korea

Hyung Wook Park

Chonnam National University Hospital, Korea

Il Hoan Oh

Catholic University, Korea

Il Suk Sohn

Kyung Hee University, Korea

Jae Yeong Cho

Chonnam National University Hospital, Korea

Jae Young Lee

Gwangju Institute of Science and Technology, Korea

Jang Whan Bae

Chungbuk National University Hospital, Korea

Jeong Gwan Cho

Chonnam National University Hospital, Korea

Jin Hur

Seoul National University Hospital, Korea

Jong Chun Park

Chonnam National University Hospital, Korea

Jongpil Kim

Dongguk University, Korea

Ju Han Kim

Chonnam National University Hospital, Korea

INVITED FACULTIES

Jung Chae Kang

Chonnam National University Hospital, Korea

Keun Ho Park

Chonnam National University Hospital, Korea

Ki Chul Hwang

Yonsei University Medical School, Korea

Ki Hong Lee

Chonnam National University Hospital, Korea

Kiyuk Chang

Catholic University, Korea

Kye Hun Kim

Chonnam National University Hospital, Korea

Kyung Keun Kim

Chonnam National University, Korea

Meeyoung Cho

Chonnam National University, Korea

Myung Ho Jeong

Chonnam National University Hospital, Korea

Nam Sik Yoon

Chonnam National University Hospital, Korea

Sang Hun Lee

Soonchunhyang University, Korea

Seok Min Kang

Yonsei University, Korea

So Young Yoo

Pusan National University Medical School, Korea

Sung Soo Kim

Chonnam National University Hospital, Korea

Tae Young Roh

Pohang University of Science and Technology, Korea

Weon Kim

Kyung Hee University Hospital, Korea

Wonhee Suh

Ajou University, Korea

Woo Jin Park

Gwangju Institute of Science and Technology, Korea

Yong Sook Kim

Chonnam National University Hospital, Korea

Yoo Wook Kwon

Seoul National University Hospital, Korea

Young Joon Hong

Chonnam National University Hospital, Korea

Youngkeun Ahn

Chonnam National University Hospital, Korea

PRE-REGISTRATION

사 전 등 록	2014년 5월 10일(토요일) 까지 입니다.
평 점	대한 의사협회 평점 6점
등 록 비	무 료 / 사전 등록은 홈페이지 www.reheart.co.kr 를 통해서 하실 수 있습니다.
문 의 처	광주광역시 동구 제봉로 42 심혈관 질환 중개 연구실 2014 GBCS (담당자: 조미영) Tel 062)220-6188 • Fax 062)224-7821 • E-mail cho11a@naver.com

4th Gwangju-Boston Joint Cardiology Symposium

Updates in the Cardiovascular Research

2014 GBCS 오시는 길

전대병원
명학회관

고속버스	광주종합버스터미널 하차 후 택시로 전남대학교병원 이동(20분 소요)
KTX	광주역에서 하차 후 택시로 전남대학교병원 이동(20분 소요)
비행기	지하철 이용: 광주공항역-남광주역(20분 소요)-전남대학교병원으로 도보(5분 소요)
	택시 이용: 광주공항-전남대학교병원으로 이동(30분 소요)

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