

2011 Gwangju International Symposium
on Photomedicine and U-Health Care

Organizing Committee

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Kwangsung Park, MD

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Moon Kyoung Cho, MD

Myeong Kyu Kim, MD

Eun Hui Bae, MD

Shin Seok Lee, MD

Sam Gyu Lee, MD

Kyung A Cho, PhD

Nacksung Kim, PhD

Invited Speakers

Eun Kyung Jeong (Division of Health Industry Technology, Ministry of Health&Welfare)

Matthew Brenner (Beckman Laser Institute and Medical Clinic, UC Irvine, USA)

Albert Chen (Applied Science Lab., GE Healthcare, Toronto, Canada)

Philip Teck Hock Lee (SBIC, A-STAR, Singapore)

Jae Gwan Kim (GIST)

Sung Yang (GIST)

Byeong Il Lee (Korea Photonics Technology Institute)

Kamal Alameh (Edith Cowan University, Australia)

Jae Won Lee (Pusan Nat. Univ.)

<http://www.cnuhcrin.com>

Map of CNUH



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2011 Gwangju International Symposium

Photomedicine and U-Health Care

Date : December 9 (Fri), 2011. 10:00 ~ 18:00

Venue : Dug-Jae Hall, Chonnam National University Medical School



Hosted by

Research Institute of Clinical Medicine, Chonnam National University Hospital
Chonnam University Research Institute of Medical Sciences (CURIMS)
Chonnam National University Medical School

Invitation



Dear Colleagues,

On behalf of the Chonnam National University Hospital, I am greatly honored to invite the speakers and audience to the '2011 Gwangju International Symposium on Photomedicine and U-Health Care' to be held on December 9th, 2011 in the Chonnam National University Hospital/Medical School, Gwangju, Korea.

In keeping with the theme of the symposium, "2011 Gwangju International Symposium on Photomedicine and U-Health Care", this symposium will be inviting eminent researches in Korea and from overseas and introduce latest researches in the field of Photomedicine and U-Health Care. It is our expectation that the symposium will provide the foundation for the international-level research activities in these fields.

And also this symposium will include an in-depth session for Research-driven Hospital.

By hosting this symposium, it is our sincere wish that the symposium will assist in improving the specialization for all of those who will be participating and provide a valuable occasion to exchange up-to-date research perspectives and information.

And I believe that it will be the premier scientific meeting honored by participation of the world's greatest scholars.

Once again, I am pleased to hold this symposium and appreciate your participation in this symposium. Thank you!

Eun-Kyoo Song, MD., PhD.

General Director, Chonnam National University Hospital

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Program

10:00~10:30	Registration	
10:30~10:50	Opening Remark	Kwangsung Park (Director, Research Institute of Clinical Medicine)
	Welcome Message	Eun Kyoo Song (General Director, Chonnam National University Hospital)

Session 1	Direction for Research-driven Hospital	Chairperson: Jong Sun Rew
10:50~11:10	The Policy of Research-driven Hospital	Eun Kyung Jeong (Division of Health Industry Technology, Ministry of Health&Welfare)
11:10~11:20	Strategy of CNUH for Research-driven Hospital	Kwangsung Park (Chonnam Nat. Univ.)
11:20~12:00	Collaborative Research Program Development and the Beckman Laser Institute Approach	Matthew Brenner (BLI, UC Irvine, USA)
12:00~13:00	Lunch	

Session 2	Topics for Photomedicine	Chairperson: Jae Gwan Kim, Yun-Hyeon Kim
13:00~13:30	Hyperpolarized ¹³ C MR metabolic imaging for cardiac applications	Albert Chen (Applied Science Lab., GE Healthcare, Toronto, Canada)
13:30~14:00	Hyperpolarized Carbon-13 : Application in Cardiac and Liver Metabolism	Philip Teck Hock Lee (SBIC, A-STAR, Singapore)
14:00~14:30	Collaborative translational research - Nero, Cyanide, and Biomedical Engineering	Matthew Brenner (BLI, UC Irvine, USA)
14:30~14:50	'Light' to see and to treat	Jae Gwan Kim (GIST)
14:50~15:10	Recent progress on microfluidic devices for micro total blood test system	Sung Yang (GIST)
15:10~15:30	Panel Discussions	Jee Bum Lee (Chonnam Nat. Univ.), Youngkeun Ahn (Chonnam Nat. Univ.), Byeong Il Lee (Korea Photonics Technology Institute)
15:30~15:50	Coffee Break	

Session 3	Topics for Aging and U-Health Care	Chairperson: Jae Hyoo Kim, Kyung Keun Kim
15:50~16:20	Optoelectronic Devices and Photonic Biosensors on U-Health	Kamal Alameh (Edith Cowan University, Australia)
16:20~16:40	The effectiveness of consistent pulse monitoring wrist-worn watch for elderly people living alone	Tag Heo (Chonnam Nat. Univ.)
16:40~17:00	Attenuated tau pathology in Alzheimer's disease through targeting GSK3beta activity	Jae Won Lee (Pusan Nat. Univ.)
17:00~17:20	The role of caveolin-1 in TLRs-dependent innate immunity	Kyung A Cho (Chonnam Nat. Univ.)
17:20~17:40	Gene Regulation in RANKL-induced Osteoclastogenesis	Nacksung Kim (Chonnam Nat. Univ.)
17:40~18:00	Panel Discussions	Sam Gyu Lee (Chonnam Nat. Univ.), Kyung Chul Yoon (Chonnam Nat. Univ.), Taek Won Kang (Chonnam Nat. Univ.)
18:00	Adjourn	

