

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



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 13C 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	



Chonnam National University Hospital

Hosted by

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