

Aging in heart and brain: Early Diagnosis and Therapy

- 1. Opening remark** - Vice head, RIPS, Prof. Jaesool Shim, Ph.D. (School of Mechanical Engineering)
- 2. Welcome address** - Head, RIPS, Prof. Kyung-Hyun Cho, Ph.D.
- 3. Congratulatory address**
 - President, Yeungnam University, Seok Kyun Noh, Ph.D.
 - Governor, Kwan Yong Kim
 - Congress Person, Sang-kee Suh, Ph.D.
 - Congress Person, Chonghoon Rhee, Ph.D.
 - Chairman of Daegu-Gyeongbuk Medical Innovation Foundation, Youseung Kim, Ph.D.

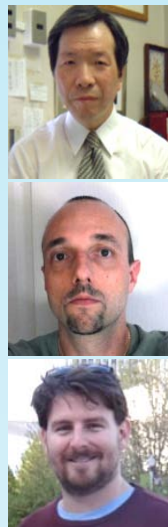
**3F Sapphire Hall, Chunma Arts Center
Yeungnam University, Gyeongsan, Korea
Oct 10(Thu), 2013 PM 1:00 – 6:30**

- 4. Celebrations** • Vocal music performance (College of Music)
Prof. Yonghee Han, M.M.
Prof. Yunhi Choi, M.M.
-Tu, Ca Nun Chiagne!, Because
- 5. Commemorative Photograph**
- 6. Lecture**
- 7. Closing remark** - Head, RIPS, Prof. Kyung-Hyun Cho, Ph.D.
- 8. Banquet**

Lecture

Session I. Protein therapy for Heart and Brain Chair (Prof. Jeong Euy Park, M.D., Ph.D. Sungkyunkwan University School of Medicine)

- **Hiroshi Mabuchi, M.D.**(13:30-14:00)
(Kanazawa University of Medical Science, Japan)
-Human CETP deficiency and CETP inhibitors
- **Olivier Meilhac, Ph.D.** (14:00-14:30)
(National Institute of Health and Medical Research, France)
-HDL: from proteomics to therapeutic applications in stroke
- **Blake Cochran, Ph.D.** (14:30-15:00)
(Centre for Vascular Research University of New South Wales, Australia)
-ApoA-I increases insulin secretion from pancreatic beta cells via a cAMP-PKA-FoxO1 dependant mechanism



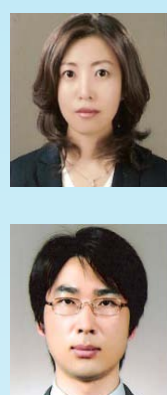
Intermission (15:00-15:10)

Session II. Cardiocerebrovascular biomarker Chair (Prof. Jae-Ryong Kim, M.D., Ph.D. Yeungnam University College of Medicine) (Prof. Dong-Gu Shin, M.D., Ph.D. Yeungnam University College of Medicine)

- **Jun-ichi Abe, M.D.** (15:10-15:40)
(University of Rochester School of Medicine, USA)
-De-SUMOylation systems as therapeutic targets in atherosclerosis
- **Hojae Bae, Ph.D.** (15:40-16:10)
(Konkuk University Department of Bioindustrial Technologies, Korea)
-Microengineered biomaterials for tissue engineering applications



- **Jee-Yin Ahn, Ph.D.** (16:10-16:40)
(Sungkyunkwan University School of Medicine, Korea)
-Opposing roles for ErbB3 binding protein (Ebp) 1 isoforms in neuronal survival and brain tumors
- **Chang-Hoon Woo, Ph.D.** (16:40-17:00)
(Yeungnam University College of Medicine, Korea)
-ERK5 inhibition ameliorates pulmonary fibrosis via regulating Smad3 acetylation



Intermission (17:00-17:10)

Session III. Cardiocerebrovascula diagnosis device Chair (Jong Baek Park, Ph.D. President, Medical Device Development Center of DGMIF)

- **Kee-Hong Choi, Ph.D.** (17:10-17:40)
(Korea University Department of Psychology, Korea)
-Cognitive remediation for mild cognitive impairment
- **Chan Byon, Ph.D.** (17:40-18:00)
(Yeungnam University School of Mechanical Engineering, Korea)
-Microfluidics for bio technologies
- **Young Ho Kim, Ph.D.** (18:00-18:30)
(Medical Device Development Center of DGMIF, Daegu-Gyeongbuk Medical Innovation Foundation, Korea)
-High-throughput DNA separation onto a multiple channel chip having no individual sample wells



Sponsor Yeungnam University, Research Institute of Protein Sensor



Supervision BK21 Plus Serum Biomedical Research and Education Team



Support

Yeungnam University	Gyeongsangbuk-Do	National Research Foundation of Korea	Chong Kun Dang Pharmaceutical Co., Ltd.	Green Cross Co., Ltd.	Kwang Dong Pharmaceutical Co., Ltd.	CJ Corporation	HYUNDAI Pharmaceutival Co., Ltd.	Ventech Science
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