

Cooperative Research Center of Life Sciences (LSC)

Special Symposium on Pharmaceutical Sciences

Date: 11th Sep., 2009

Place: LSC Conference Room,
Port Island Campus, Kobe Gakuin University
Minatojima 1-1-3, Chuo-ku, Kobe 650-8586, Japan
TEL: 078-974-1551

Sponsor:LSC

Support:School of Pharmacy, Shanghai Jiao Tong University
Faculty of Pharmaceutical Sciences, Kobe Gakuin University
Laboratory of Pharmaceutics and Drug Delivery, KGU

Program

- 9:20 Opening Remark *Yoshinobu Fukumori, Dean, Prof., KGU*
- Session 1** Chairperson : Yoshinobu Fukumori (LSC)
- 9:30 **Nano- and Micro-particle Technologies for Controlled Drug Delivery**
Hideki Ichikawa and Yoshinobu Fukumori
(Laboratory of Pharmaceutical Technology, Faculty of Pharmaceutical Sciences, Kobe Gakuin University)
- 10:00 **Drug Delivery: Addressing Long-standing Challenges with Innovative Systems**
Tuo Jin, Prof., SJTU
- 10:45 **Anticancer drug delivery using oily carrier and electroporation**
Shoji Fukushima
(Clinical Pharmaceutics, Faculty of Pharmaceutical Sciences, Kobe Gakuin University)
- 11:15 **Peptide ligand mediated liposome targeting and delivery to tumor in vivo**
Xu Yuhong, Prof., SJT
- 12:00 Lunch
- Session 2** Chairperson : Eibai Lee (LSC)
- 13:30 **Bradykinin mediates angiotensin II type 2 receptor-dependent vasodilation**
Katsutoshi Yayama and Hiroshi Okamoto
(Laboratory of Cardiovascular Pharmacology, Faculty of Pharmaceutical Sciences, Kobe Gakuin University)
- 14:00 **Effects of Neurotransmission and pharmacological treatment on the Processing of β -amyloid**
Ming Yin, Vice Dean, Prof., SJTU

14:45 **Participation of P-glycoprotein in analgesic effect of opioid**

Wakako Fujita (Hamabe), Mikako Nishida, Kazuo Nakamoto, Shogo Tokuyama

(Department of Clinical Pharmacy, Faculty of Pharmaceutical Sciences, Kobe Gakuin University)

15:15 Break

Session 3

Chairperson : Yuko Tsuda (LSC)

15:30 **Experimental Antithrombotic Effects of Carrot Varieties**

Junichiro. Yamamoto¹, Aki. Naemura¹, Tsutomu. Yamashita¹, Yoshinobu. Ijiri², Koji. Ogawa³, Takao Suzuki⁴, Yasuhiko Shimada⁴

(¹Laboratory of Physiology, Faculty of Nutrition, Kobe Gakuin University, ²Department of Food Nutritional Science, Faculty of Liberal Arts, Osaka Shoin Women's University, ³Ono Pharmaceutical Co. Ltd., ⁴Sakata Seed Corporation)

16:00 **An Exploratory Research on Human Hibernation with Structural and Functional Models of Cytochrome c Oxidase**

Lei Fu, Prof., SJTU

16:45 **The innovative technology for the environmental-friendly peptide synthesis : development of the solid-phase peptide synthesis in water.**

Keiko Hojo¹, Hideki Ichikawa², Mitsuko Maeda³, Yoshinobu Fukumori², Koichi Kawasaki¹

(¹Laboratory of Molecular Medicinal Chemistry, Division of Pharmaceutical Chemistry
²Laboratory of Pharmaceutical Technology, Division of Physical Pharmacy ³Division of Physical Pharmacy, Faculty of Pharmaceutical Sciences, Kobe Gakuin University)

17:30 Closing Remark

Ming Yin, Vice Dean, Prof., SJTU

18:00 Social Meeting