

Kanagawa University-National Taiwan University Symposium

December 24 (Friday), 2010

Department of Chemistry, National Taiwan University

- 9:30~9:40** **Welcome Address**
Prof. Shie-Ming Peng (彭旭明), National Taiwan University

Chair: Prof. Hon-Tsen Yu (于宏燦, 台大動物所)
- 9:40~10:10** **Prof. Tsuyoshi Ohira** (大平剛), Kanagawa University, Life Sciences
“Crustacean Molt-Inhibiting Hormone: Structure and Function”
- 10:10~10:40** **Prof. Shyh-Jye Lee** (李士傑), National Taiwan University, Zoology
“The Autotaxin-LPA₃ Axis Mediates Küpffer Vesicle Formation and Left-Right Asymmetry in Zebrafish”
- 10:40~11:00** **Group Photo and Coffee break**

Chair: Prof. Hung-Wen Li (李弘文, 台大化學系)
- 11:00~11:30** **Prof. Toshiaki Matsubara** (松原世明), Kanagawa University, Chemistry
“ONIOM and ONIOM-Molecular Dynamics Methods: Principles and Applications”
- 11:30~12:00** **Prof. Jin-Der Wen** (溫進德), National Taiwan University, Cell biology
“Single-Molecule Study of Ribosomal Frameshifting”
- 12:30~13:30** **Lunch and Poster Sessions**

Chair: Prof. Richard P. Cheng (陳平, 台大化學系)
- 13:30~14:30** **Short Talks by 5 Graduate Students**
Kota Banzai (坂西綱太)
Molecular Cloning of a cDNA Encoding Insulin-Like Androgenic Gland Factor from Marsupenaeus Japonicus and Analysis of Its Expression
I-Tung Chen (陳顥同)
The Warburg-Like Effect in Shrimp Hemocyte after WSSV Infection

Ai Shiratori (白取愛)

A Serine-Histidine Conjugate Revealing High Affinity to β -Aminophosphonate as the Analogue of the Hydrolysis Intermediate of β -Alanine Ester: Retardation of the Hydrolysis

Chun-Yen Chen (陳俊晏)

A PNIPAM-Based Fluorescent Nanothermometer with Ratiometric Readout

Mitsutaka Hamano (浜野光孝)

Diphenylparabanate as a Versatile Precursor for Synthesis of Diketones and Ketocarboxylic Acids

Chair: Prof. Sheng-Hsien Chiu (邱勝賢, 台大化學系)

14:30~15:00 Prof. Toshiyuki Kataoka (片岡利介), Kanagawa Univ., Material and Life Chemistry

“Structure and Phase Transition of Polyrotaxanes and Their Hydrogels”

15:00~15:30 Prof. Chun-Yi Davie Lu (陸駿逸), Nation Taiwan University, Chemistry

“Shape Dynamics of the Multi-Lamellar Vesicles in Solution”

15:30~16:00 Coffee Break

Chair: Prof. Pi-Tai Chou (周必泰, 台大化學系)

16:00~16:30 Prof. Ching-Wen Chiu (邱靜雯), National Taiwan University, Chemistry

“Nucleophilic Boron Heterocycle”

16:30~17:00 Prof. Kazuo Yamaguchi (山口和夫), Kanagawa University, Chemistry

“Self-Assembled Monolayers Based on Surface Modifying Agents Containing Activated Ester Linked with Photocleavable 2-Nitrobenzyl Group”

17:00~17:10 Closing Remarks:

Prof. Kazuo Yamaguchi (山口和夫), Kanagawa University