

Ewha Nanobio 2nd International Symposium 2007

Ewha-Posco Building B161, Ewha Womans University, Seoul, Korea

Saturday, May 12, 2007

09:30 – 09:45 Registration

09:45 – 10:00 Opening Ceremony

Prof. Hong Sik Ahn (Vice President of Ewha Womans University)

Prof. Youn Soo Sohn (Co-Chairman of Ewha Nanobio International Symposium, Ewha Womans University)

Session I

Chairman: Prof. Sung-Jin Kim (Ewha Womans University)

10:00 – 10:40 Plenary Lecture I

Prof. Tony D. James (Bath University)

“Molecular Recognition using Boronic Acids”

10:40 – 11:05 Invited Lecture I

Prof. Sungsu Park (Ewha Womans University)

“Microfluidic Devices for Chemotaxis and Mechanosensation Assays”

11:05 – 11:20 Coffee Break

Session II

Chairman: Prof. Sang-gi Lee (Ewha Womans University)

11:20 – 11:45 Invited Lecture II

Prof. **Xiaojun Peng** (Dalian University of Technology)
“Fluorescence Chemosensors for Zn²⁺ and Cd²⁺ in Living Cells”

11:45 – 12:10 Invited Lecture III

Prof. John S. Fossey (Bath University)
“Molecular Architectures for Advanced Functions”

12:10 – 13:50 Lunch

Session III

Chairman: Prof. Jinheung Kim (Ewha Womans University)

13:50 – 14:30 Plenary Lecture II

Prof. Xuhong Qian (East China University of Science and Technology)
“Fluorescent Molecular Sensors and Images for Cations or Guests with Biological Interests ”

14:30 – 14:55 Invited Lecture IV

Prof. Woonsup Shin (Sogang University)
“Multicopper Oxidases for the Electrochemical Detection of Biologically Important Molecules”

14:55 – 15:20 Invited Lecture V

Prof. Jong-Seung Kim (Dankook University)
“FRET based cation and anion sensing system”

15:20 – 15:35 Coffee Break

Session III

Chairman: Prof. Byeongmoon Jeong (Ewha Womans University)

15:35 – 16:00 Invited Lecture VI

Prof. Toby Jenkins (Bath University)
“Toxin interaction with solid supported bilayer vesicles: a combined Surface Plasmon Resonance (SPR) and SPR-enhanced Fluorescence study”

- 16:00 – 16:25 Invited Lecture VII**
Prof. Jinsung Tae (Yonsei University)
“Chemosensors Based on Irreversible Chemical Reactions: Hg²⁺ and CN⁻ Sensors”
- 16:25 – 16:50 Invited Lecture VIII**
Prof. Kwan Mook Kim (Ewha Womans University)
“Bioinspired chiral inversion of L-amino acids to D-amino acids”
- 16:50 – 17:15 Invited Lecture VI**
Prof. Juyoung Yoon (Ewha Womans University)
“Recent Development of Fluorescent Chemosensors for Ions”
- 17:15 – 17:20 Closing Remark**
Prof. Jin-Ho Choy (Co-Chairman of Ewha Nanobio International Symposium, Ewha Womans University)
- 17:20 – 19:30 Reception**