

The Fourth Japan-Korea Joint Symposium on Bio-microsensing Technology New Trend of Chemistry-based Biotechnology

Date: 28 October, 2011

Venue: Tobata Campus, Room C-1A

Kyushu Institute of Technology (Kyutech), Kitakyushu, Japan



**Analytical Sensing of Metal Ions
Based on Molecular Switching**

Hasuck Kim,
Department of Energy Systems, DGIST

4th JKBT

Chairman: Prof. Shigeori Takenaka,
Director of the Research Center for
Bio-microsensing Technology (RCBT),
Kyushu Institute of Technology (Kyutech)
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**Selective Labeling of
Cell Proteins Using a
New Peptide Tag-Probe
Pair**

Akio Ojida,
Pharmaceutical Science,
Kyushu Univ.



**Microfluidic Devices and
Electrochemical
Biosensors for Medical
Trace Analyses**

Yoon-Bo Shim,
Department of Chemistry & Institute of
BioPhysio Sensor Technology (IBST),
Pusan National Univ.



**Development of
Biosensors
Using an
Aptamer Probe
and a DNzyme**

Changill Ban,
Dept. of Chem., POSTech



**Redox cycling
in biosensors**

Haesik Yang,
Dept. of Chem., Pusan National
Univ.



**Quorum Quenching
Quandary:
Resistance to
Antivirulence
Compounds**

Toshinari Maeda,
Kyutech



**Graphene-based
biosensors**

Kyuwon Kim,
Dept. of Chem., Univ. of
Incheon



**Nanotechnology
for the detection
and prognosis of
disease stage:
Protein
quantification for
clinical approach**

Min-Ho Lee,
Medical IT Research
Center, KETI



**Development of
an *in vivo*
screening
system for
radiosensitizers
and antioxidants
using a chick
embryo model**

Yoshihiro Uto,
Dept. Life System, Inst. of
Tech. & Sci., Univ. of
Tokushima