

The Sixth Japan-Korea Joint Symposium on Bio-microsensing Technology

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for Bionano-sensing Technology in 7th ISNM

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Kyushu Institute of Technology (Kyutech), Kitakyushu, Japan



Electrochemical biosensors for cancer cell detection based on conductive polymers and nanoparticle composites

Yoon-Bo Shim

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Ionic and Gold Microshells for Bioanalysis

Taek Dong Chung

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To be Soluble, or not to be, that is a question

Sihyun Ham

Department of Chemistry, Sookmyung Women's University



Glucose-Oxidase Label-Based Redox Cycling for an Incubation Period-Free Electrochemical Immunosensor

Haesik Yang

Department of Chemistry, Pusan National University



Metalloid polymer nanoparticle functionalized graphene oxide working electrode for durable glucose sensing

Min-Ho Lee

Korea Electronics Technology Institute, Medical IT Technology (KETI)

Student's poster presentation

Aptasensor for cardiac biomarker Troponin I using Ferrocene (Fc) – modified silica nanoparticles

S. Kim, S. Lee, H. Jo and C. Ban, Department of Chemistry, Pohang University of Science and Technology

Colorimetric aptasensor towards Plasmodium lactate dehydrogenase for the rapid diagnosis of malaria

S. Lee, H. Jo and C. Ban, Department of Chemistry, Pohang University of Science and Technology

Ultra-efficient photothermal therapy for prostate cancers using aptamer-modified gold nanostars

H. Jo, S. Lee, and C. Ban, Department of Chemistry, Pohang University of Science and Technology

A new electron transfer mediator for a NAD-glucose dehydrogenase based glucose sensor

Dong-Min Kim, Min-Yeong Kim, Sanapalli S. Reddy, and Yoon-Bo Shim, Department of Chemistry and Institute of Biophysio Sensor Technology (IBST), Pusan National University