

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

Increasing Importance of Bio-microsensing Technology in Medical and Dental Areas

Date 13 November, 2009

Venue Tobata Campus, Room 8-1A

Kyushu Institute of Technology (Kyutech), Kitakyushu, Japan



This symposium aims to enhance high-level academic exchanges of ideas on the development of various state-of-the-art technologies on biochips and related subjects connected with medical and dental areas. The Organizing Committee hopes that this symposium will become an important bridge between Japan and Korea through biochip technologies.

Speakers

- **Norikazu Nishino**, Kyushu Institute of Technology
Detection of proteolytic activities for diagnosis of periodontal disease and others
- **Yoon-Bo Shim**, Director of CIBST, Pusan National University
Electrochemical biosensors based on bio-mimic membranes for medical applications
- **Tatsuji Nishihara**, Kyushu Dental College
*Periodontal diseases:
The past, the present, and the future*
- **Hyun-Mo Ryoo**, Seoul National University, School of Dentistry
Screening of osteogenic agents using a cell-based biosensor
- **Changill Ban**, Pohang University of Science and Technology
Design of a prostate cancer specific dual-aptamer conjugate and its application for diagnosis and active drug targeting
- **Taek Dong Chung**, Seoul National University
The polymeric ion pump and sensor on microfluidic chip

Organized by Kyushu Institute of Technology & Kyushu Dental College,
Fukuoka Industry, Science & Technology Foundation
Chairman: Prof. Shigeori Takenaka, Director of the Research Center for Bio-microsensing Technology (RCBT), Kyutech
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