

BIOTRONICS 2009

International Conference on Biosensors, Biochips, and Bioelectronic Devices

7 OCTOBER, 2009

SEOUL, KOREA

INVITATION MESSAGE FROM THE CONFERENCE CHAIR

Dear Colleagues

On behalf of the BIOTRONICS Conference Organizing Committee, we would like to extend our warm Invitation to you to attend the 2009 International BIOTRONICS Conference to be held in Seoul, Korea, on October 7, 2009. This conference will bring together key researchers from all over the world and from every sector of academy and industry in the biotronic device research field, with a special focus on the applications and developments in biodetection techniques, biosensors, biochips, bioelectronic devices, ubiquitous devices for biodetection, medical devices, and nanoscale biodevices. Additionally, 2009 Fall international symposium hosted by Korean Biochip Society will be held at same place in Seoul, Korea, on October 8-9, 2009, followed by this BIOTRONICS 2009 Conference.

We are confident that you will enjoy the vibrant Scientific Program of this upcoming BIOTRONICS 2009 Conference. More information on the conference and update news will be posted at www.biotronics.org

With Warm Regards,
Jeong-Woo Choi, Conference Chair

Organizing Committee

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Mana Sriyudthsak, Chulalongkorn Univ., Thailand
Minoru SEKI, Chiba Univ., Japan

Deadlines

Abstract Submission: August 30, 2009
Registration (presenting author): July 30, 2009
Early Bird Rate Registration: August 30, 2009
Regular Rate Registration: After August 30, 2009

Abstract Submission

Those who wish to participate in this conference should submit an abstract no later than August 30, 2009. The abstract template is available from the conference website now.

Scientific Program

The scientific program includes invited and ordinary lectures as oral sessions and poster sessions in the following topics:

1. Biodetection techniques
2. Biosensors
3. Biochips
4. Bioelectronic devices
5. Ubiquitous devices for biodetection
6. Medical devices
7. Nanoscale biodevices

Conference Venue

The conference will be held at Convention center in Hoam faculty house, Seoul National University (SNU) in Seoul, Korea

Secretariat

For general inquiry,
Please e-mail to: secretary@biotronics.org

Organized by

Center for Bioelectronic Devices, Sogang University

Hosted by

The Korean Biochip Society

Sponsored by

Interdisciplinary Program of Integrated Biotechnology, Sogang University

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Time	Oct. 7 (Wed.)	
08:20 -	Registration	
08:50 - 09:00	Opening Remarks (Mugunghwa hall)	
09:00 - 09:40	Keynote Address 1 (Ralph G. Nuzzo , USA) Fabrication of 3D Platforms for Discovery in Biology	
09:40 - 10:20	Keynote Address 2 (Christopher Ko, Korea) -----	
10:20 - 10:40	Coffee break	
	[Session 1]	[Session 2]
10:40 - 11:10	Multi-level Biomemory Device Consisting of Recombinant Azurin/ Cytochrome c (Junhong Min, Korea)	Ion Control on Microchips (Taek Dong Chung , Korea)
11:10 - 11:40	Combinatorial nanoarrays of microenvironmental cues for controlling stem cell behaviors (Kibum Lee, USA)	Chemical and Biological Laboratory on a Chip (Jianhua Qin, China)
11:40 - 13:00	Lunch	
13:00 - 13:40	Keynote Address 3 (Yuji Miyahara , Japan) Detection of Biomolecular Recognition Using Bio-transistors	
	[Session 3]	[Session 4]
13:40 - 14:10	Dendron-Modified AFM Probes for Single Molecule Bioanalysis (Joonwon Park, Korea)	Planar Active Integrated Bi-Directional Switching Microwave Heat Applicator (Youngwoo Kwon, Korea)
14:10 - 14:40	CMOS-based implantable bioelectronics - retinal prosthesis and in vivo brain imaging - (Takashi Tokuda, Japan)	Evaluation of Reflected Electromagnetic Waves in Application to Acceleration Sphygmogram at Various Points on the Body (Yoshio Nikawa, Japan)
14:40 - 15:10	Agarose Hydrogel based Neuron-on-a-Chip technology (Yoonkey Nam, Korea)	---- (Yang-Kyu Choi, Korea)
15:10 - 15:30	Coffee break	
	[Session 5]	[Session 6]
15:30 - 16:00	(USA)	(France)
16:00 - 16:30	Single molecule detection technique as a powerful tool for nanobio-material characterization (Nam Woong Song, Korea)	----- (Bumki Min, -Korea)
16:30 - 17:00	Study on the parameters of Bio-Fuel Cell (Mana Sriyudthsak, Thailand)	Rapid Handling of Biological Soft Matters Using Microfluidic Devices (Minoru SEKI , Japan)
17:00 - 18:30	Poster Session (2 nd Floor Lobby, Dongbaek hall)	
18:30 - 20:30	Banquet (Mugunghwa hall)	

Registration fee

Early Bird

If payment received before Aug.30, 2009

Regular

After Aug.30, 2009 or on site registration

Participants

US\$ 250 (250,000 ¥)

US\$ 300 (300,000 ¥)

Students

US\$ 150 (150,000 ¥)

US\$ 200 (200,000 ¥)