

LIST OF ORAL SPEAKERS (52 PRESENTATIONS)

As of October 2, 2006

- *: Plenary Speakers (7)
†: Invited Speakers (37)

(alphabetical order)

- *Masuo Aizawa (Tokyo Inst. Tech., Japan)
†Kazunari Akiyoshi (Tokyo Medical and Dental Univ., Japan)
†Fu-Hsiung Chang (National Taiwan Univ., Taiwan. R.O.C.)
Ung-il Chung (Univ. Tokyo, Japan)
†Yoshinobu Baba (Nagoya Univ., AIST, Japan)
†Dennis E. Discher (Univ. Pennsylvania, USA)
†Paolo Fortina (Thomas Jefferson Univ., USA)
Teruo Fujii (Univ. Tokyo, Japan)
†David W. Grainger (Univ. Utah, USA)
*Nobutaka Hirokawa (Univ. Tokyo, Japan)
†Ging-Ho Hsiue (National Tsing Hua Univ., Taiwan. R.O.C.)
†Jeffrey Hubbell (EPFL, Switzerland)
Takanori Ichiki (Univ. Tokyo, Japan)
Kazuhiko Ishihara (Univ. Tokyo, Japan)
Haruo Kasai (Univ. Tokyo, Japan)
†Jae-Ho Kim (Ajou Univ., Korea)
†Young-Ha Kim (Kwangju Inst. of Science & Tech., Korea)
*Wolfgang Knoll (Max-Planck Inst., Germany)
†Bruce Kramer (NSF, USA)
†Ick Chan Kwon (KIST, Korea)
†Young-Soo Kwon (Dong-A Univ., Korea)
†Eun Kyu Lee (Hanyang Univ., Korea)
†Kam Leong (Duke Univ., USA)
†Charles P Lin (Massachusetts General Hospital, USA)
†Wen-Tso Liu (National Univ. Singapore, Singapore)
*Carlo D. Montemagno (Univ. Cincinnati, USA)
†Hiroyuki Noji (Osaka Univ., Japan)
†Teruo Okano (Tokyo Women's Medical Univ., Japan)
†Jung-Keug Park (Dongguk Univ., Korea)
†Kinam Park (Purdue Univ., USA)
†Bruno Le Pioufle (Univ. Tokyo, Japan)
†Dong-Jin Qian (Fudan Univ., P.R. China)
*Buddy Ratner (Univ. Washington, USA)
†Yasushi Sako (RIKEN, Japan)
Moritoshi Sato (Univ. Tokyo, Japan)
†Masatsugu Shimomura (Hokkaido Univ. Japan)
*Subra Suresh (MIT, USA)
†Yasuhiko Tabata (Kyoto Univ., Japan)
†Fuyuhiko Tamanoi (UCLA, USA)
†Eiichi Tamiya (Japan Advanced Inst. of Science and Tech., Japan)
*Marcus Textor (ETH Zurich, Switzerland)
†Wiwut Thanthanpanichakoon (National Science and Technology Development Agency, Thailand)
Mitsuru Uesaka (Univ. Tokyo, Japan)
†Joel Voldman (MIT, USA)
†Horst Vogel (EPFL, Switzerland)
Masao Washizu (Univ. Tokyo, Japan)
†Xin-Hui Xing (Tsinghua Univ., P.R. China)
†Kenji Yasuda (Tokyo Medical and Dental Univ., Japan)
†Jackie Yi-Ru Ying (Institute of Bioengineering and Nanotechnology, Singapore)
†Hiroshi Yokoyama (AIST, Japan)
†Kyung-Hwa Yoo (Yonsei Univ., Korea)
†Hanry Yu (National Univ. Singapore, Singapore)

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UT Symposium on NanoBio Integration NANOBIOTOKYO 2006

Registration is now on!

December 4-7, 2006 TOKYO, JAPAN
Venue: Hongo Campus, The University of Tokyo

Organized by
Center for NanoBio Integration
The University of Tokyo

and

Promotion of Novel Interdisciplinary Fields based on
Nanotechnology and Materials (MEXT)

<http://park.itc.u-tokyo.ac.jp/CNBI/e/index.html>

SCOPE

The Center for NanoBio Integration was founded in August 2005 at the University of Tokyo. The Research Center's mission is to elucidate biogenic functions and structures on the nanoscale, to construct nanomachines with bioinspired structures and functions, and to develop principles for controlling the functionality of biological components, such as biomolecules and cells, while integrating them into nanodevices.

The essence of biogenic functions will be investigated on the nanostructure level through the development of an integrated multidisciplinary science (NanoBio Integration) founded on the principles of nanotechnology and biomedical science. In addition, the Research Center aims to develop a revolutionary nanomedicine system based on the spatiotemporal control of biological components and the establishment of a completely new nanobioindustry. The Research Center's goals can be resolved into three main areas: firstly, the construction of bioinspired nanomachines; secondly, the creation of nanobiosensing systems; and thirdly, the development of nanotechnology and material science for cell therapy. In order to achieve these goals efficiently it is necessary to transcend traditional academic fields. With a view to extending the concept of nanobiointegration both in Japan and internationally, stimulating the advancement of the nanobio field globally and enabling scientists from various countries and backgrounds to exchange ideas, the Research Center is organizing an international symposium as introduced below.

We hope to have the pleasure of welcoming you to the UT Symposium on NanoBio Integration NANOBIO - TOKYO 2006.

SESSIONS

- Plenary talk: 7
- Oral presentation: 45 (Including 37 invited speakers)
- Poster presentation: Over 160

KEYWORDS

Cell therapy, Drug Delivery System (DDS), Bio-sensing, Bio/nano interface, Nano machine, NEMS/MEMS, Nanoparticles, Tissue engineering, Clinical diagnostics, Nano medicine, Bioimaging, Biochip, Molecular motor, Biomaterials, Molecular assembly, Smart device, MicroTAS, Micro/nano fluidics.

The session of **“International cooperation for Nanobio-Integration”** will be held to discuss the current status of Nanobio-Integration in various countries, institutes and national projects.

SCHEDULE

Monday December 4	Tuesday December 5			Wednesday December 6			Thursday December 7	
	08:00 -	Registration at Auditorium			08:00 -	(Auditorium opens)		
		Auditorium				Auditorium	Auditorium/ Koshiba Hall	Sanjo Conference Hall
	09:00 - 09:30	Opening Ceremony			09:00 - 09:40	(Plenary 4) Nobutaka Hirokawa (Univ. Tokyo, Japan)		Poster Session (Display Only)
	09:30 - 10:10	(Plenary 1) Masuo Aizawa (Tokyo Inst. Tech., Japan)			09:40 - 10:20	(Plenary 5) Buddy Ratner (Univ. Washington, USA)		
	10:10 - 10:50	(Plenary 2) Subra Suresh (MIT, USA)			10:20 - 10:35	Break		
	10:50 - 11:30	(Plenary 3) Marcus Textor (ETH Zurich, Switzerland)			10:35 - 11:15	(Plenary 6) Wolfgang Knoll (Max-Planck Inst., Germany)		
	11:30 - 12:30	Lunch			11:15 - 11:55	(Plenary 7) Carlo D. Montemagno (Univ. Cincinnati, USA)		
	12:30 - 13:50	Poster presentation with demonstration (A Group) in Auditorium gallery & Koshiba Hall			11:55 - 13:00	Lunch		
	13:50 - 15:30	Koshiba Hall	Auditorium	General Library	13:00 - 14:20	Poster presentation with demonstration (C Group) in Auditorium gallery & Koshiba Hall		
		Imaging, Device/Sensing	Biomaterial, Tissue Eng., DDS	International cooperation for Nanobio-Integration	14:20 - 15:35	Koshiba Hall	Auditorium	General Library
	15:30 - 16:50	Poster presentation with demonstration (B Group) in Auditorium gallery & Koshiba Hall			15:35 - 16:00	Coffee Break		
	16:50 - 18:30	Imaging, Device/Sensing	Biomaterial, Tissue Eng., DDS	International cooperation for Nanobio-Integration	16:00 - 17:35	Imaging, Device/Sensing	Biomaterial, Tissue Eng., DDS	International cooperation for Nanobio-Integration
16:00 - Registration (Auditorium)					17:25 - 17:35		Closing Ceremony	
18:00 - 20:00	19:00 - 21:00	Research Mixer (Sanjo Conference Hall)						18:00 - 20:00
Reception (Matsumoto-ro)								Cooperation Meeting

LANGUAGE

English is designated as the official language for all activities.

CONFERENCE VENUE

The conference will be held at the University of Tokyo [Hongo Campus] Auditorium and Koshiba Hall in JAPAN.

IMPORTANT DATES

Registration Deadline: **Monday, November 20, 2006**

Due to the limited availability of seats, EARLY REGISTRATION is strongly recommended!

REGISTRATION FEES

	Registration Fees	Research Mixer Fees
General Participants	Free	10,000 JPY
Students	Free	5,000 JPY

INFORMATION

Those who wish to know additional or the latest information about the conference may visit the conference website at <http://www.sntt.or.jp/nanobio/>