The 13th International Biotechnology Symposium & Exhibition will be held from October 12 to 17, 2008 in Dalian, China under the auspices of the International Union of Pure and Applied Chemistry. The IBS series, which is held every four years on a different continent, is recognized as the premier international biotechnology event. Twelve IBSs have been successfully convened since it was initiated in 1960. Up to 3,000 delegates from academia, industry, and government are expected to attend IBS-2008 to explore the frontiers of biotechnology for human sustainability and to develop international collaborations while enjoying Chinese culture.

**Preliminary Program**

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**PL** – Plenary lecture, 60 min including 10 min discussion

**K** – Keynote lecture, 40 min including 10 min discussion

**O** – Oral presentation, 20 min including 5 min discussion

About 50 keynote lectures and 300 oral presentations will be arranged in the parallel sessions. The updated scientific program is available at the website: [www.ibs2008.org/ScientificProgram.htm](http://www.ibs2008.org/ScientificProgram.htm).
Plenary Lecturers
Three Nobel Laureates with tentative titles:
1. "The Secret Life of Enzymes" (Prof. K. B. Sharpless, USA)
2. "Roots, Promotion and Impact of Technological Innovation" (Prof. W. Arber, Switzerland)
3. "Biotechnology of the Nervous System" (Prof. D. A. Glaser, USA)
Others to be announced in due course

Students Award
The purpose of the Students Award is to encourage the participation of current and recently graduated students (completing their programs no earlier than January 1, 2007), as well as to acknowledge their valuable contributions to biotechnology. Each of the 20 winners will be awarded USD 1500 to cover travel expenses including transportation, accommodation and registration fee.

To be eligible for the Students Award:
1. Indicate your application when completing the on-line registration.
2. Submit a one-page abstract followed by a four-page full paper.
3. Fax or email a letter with your supervisor’s signature, indicating your current status and anticipated graduation date, to the scientific committee: +86-411-84684819 or abstract@ibs2008.org.

The candidates will be invited to give oral or poster presentations. The winners will be selected based on their presentation performance as well as the scientific contents of their papers.

For more detailed information, please visit the website: www.ibs2008.org/abstracts.html

Tentative Topics
Section I: Systems Biology
Chair: G. N. Stephanopoulos (USA)
Co-Chairs: S. Y. Lee (Korea) and Z. X. Deng (China)
I-1 Systems Biotechnology: Metabolic Engineering and Synthetic Biology
I-2 Computational Systems Biology: Making Sense of the Omics Data
I-3 Systems Biology and Drug Discovery
I-4 Tools and Models for Systems Biology
I-5 New Systems Understanding of Life

Section II: Tissue Engineering and Cell Cultivation
Chair: W-S. Hu (USA)
Co-Chair: J-J. Zhong (China)
II-1 Advances in Tissue Engineering - Interfacing Cellular Development and Biomaterials
II-2 Stem Cell Technology - Toward Regenerative Medicine
II-3 Cell Culture Engineering - Toward a New Horizon
II-4 Integration and Intensification of Cell Culture Processes - From Cells to Products
II-5 Global Trends in Biopharmaceutics Manufacturing
II-6 Advances in Plant Cell and Tissue Culture Processes

Section III: Medical Biotechnology
Chair: M. R. Pillai (India)
Co-Chairs: W. A. Marasco (USA) and Q. M. Zhan (China)
III-1 Gene Therapy
III-2 Stem Cell-Based Cell Therapy
III-3 Biomarker and Diagnostics
III-4 Monoclonal Antibodies
III-5 Engineering Proteins
III-6 RNAi Technology and Applications
III-7 Vaccines

Section IV: Agriculture Biotechnology
Chair: M. V. Montagu (Belgium)
Co-Chairs: R. M. Raab (USA) and D. F. Huang (China)
IV-1 Functional Genomics in Agriculture
IV-2 Green Factories: Plant and Animal Bioreactors
IV-3 Transgenic Crops and Biosafety
IV-4 Embryogenic Stem Cell and Animal Cloning
IV-5 Animal Disease Control
IV-6 Recombinant Microorganisms in Agriculture
IV-7 Energy Crops and Biomass
Call for Papers
For all authors:
1. Complete the pre-registration form.
2. Submit a one-page abstract.
3. Full paper submission is encouraged but not requisite, except for the authors applying for the Students Award.

The deadline for the on-line submission is November 30, 2007. After the deadline, the authors can update their manuscripts till August 15, 2008. For more detailed information, please visit the website: www.ibs2008.org/abstracts.html. If you fail the on-line submission, please email your manuscripts to abstract@ibs2008.org using the same templates. The decision for the oral or poster presentations will be made by the scientific committee. The notification for acceptance will be sent to the author(s) before May 31, 2008.

Publications
The abstracts will be published in the Conference Proceedings, while the full papers and other conference materials will be included in a DVD. The Organizing Committee is soliciting the academic publishers to publish special journal issues for the conference. For more detailed information, please visit the website: www.ibs2008.org/Publications.htm.
Exhibition

The concurrent Exhibition will provide excellent opportunities for the participants to meet new exhibitors as well as reconnect with their established suppliers/customers. Most importantly, it is a place to learn of the latest academic publications, bioproducts, instruments, and services, as well as a platform to foster various collaborations. Exhibitors are advised to reserve their exhibition spaces earlier. Each standard booth (3 x 3 m²) costs USD 2000, unless otherwise noted.
For more detailed information and any special requirements, please contact Dr. Xupeng Cao at: loc@ibs2008.org, +86-411-84379181 (Tel) or +86-411-84684819 (Fax).

Registration & Accommodation

Online registration will start on March 1, 2008. Participants are encouraged to register earlier to take the advantage of the registration fee discount.

- **Early registration** (March 1 - July 31, 2008)
  - Standard USD 700 / Retired USD 400 / Student USD 350
- **Regular registration** (August 1 - October 11, 2008)
  - Standard USD 750 / Retired USD 450 / Student USD 375
- **On-site registration**
  - Standard USD 800 / Retired USD 500 / Students USD 400
- **One-day ticket**
  - Standard USD 200 / Retired USD 100 / Student USD 100
- **Accompanying person**
  - USD 150

Hotels of various levels, especially economic hotels for students, are available at the special conference prices. For more detailed information, please visit the conference website: www.ibs2008.org.

Conference Venue

IBS-2008 will be held in Dalian World Expo Center (DWEC). Aside from its excellent convention facility, DWEC is located in the most modern section of Dalian, Xinghai Plaza. Shuttle bus service will be available for the transportation between the hotels and DWEC.
For more detailed information, please visit the conference website: www.ibs2008.org.

Social Events

All participants and their companions are kindly invited to the welcome party, the performance of Chinese acrobatics, folk music and dance, and the Poster Session (with food services) without charge. The Excursion Journey, Chinese Food and Culture, and the Banquet may require payments, depending on the financial budget capacity.
For more detailed information, please visit the conference website: www.ibs2008.org.

Pre- & Post-Conference Tours

Participants and their companions can enjoy many historic sites and natural sceneries in Guangzhou, Xi’an, Beijing, Shanghai, Hangzhou etc. through the pre- and post-conference tours.
For more detailed information, please visit the conference website: www.ibs2008.org.

VISA to China

The Organizing Committee will issue Official Invitation Letters to the participants for their VISA applications after they complete registration.
For any questions, please contact Mrs. Cuiling Lan at: cllan@cashq.ac.cn.

Sponsorships

The Organizing Committee is welcoming industry, academic publishers, professional societies, government agencies, and individuals to sponsor IBS-2008. As co-sponsors, you can promote updated technologies, products, and services, as well as the comprehensive influences of your companies to thousands of delegates through the excellent medium role of IBS-2008, such as the advertisement at the conference website and venue, and the VIP exhibition spaces specially provided for our co-sponsors.
For more detailed benefits, please visit the conference website: www.ibs2008.org.
Host City: Dalian

With a city population of 1.5 millions, Dalian is only one hour by plane from Beijing. It is a beautiful coastal city located in the Northeast of China, with a mild climate all the year around (15-20 °C in October). Known as "The Pearl of North China", Dalian is a city expressing itself with fashion, romance, and ambition to be the center for the international shipping and trade in the Northeast Asia Region. Dalian is a winner of the UNEP "Global 500 Roll of Honor" for its environmental protection achievements.

For more detailed information, please visit the conference website: www.ibs2008.org.

Committees

International Advisory Board
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Co-chairs: F. W. Bai (China) and F. Nicotra (Italy)
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A few more members are to be invited into the two committees.

Local Organizing Committee
Honorary Advisors:
D. R. Xia (Mayor of Dalian City)
T. Zhang (Director of Dalian Institute of Chemical Physics)
J. P. Ou (President of Dalian University of Technology)
X. H. Qian (President of East China University of Science and Technology)

Chair: S. L. Yang
Co-chairs: W. Zhang and J-J. Zhong
Secretary General: G. X. Xiong


Key Dates
Deadline for Abstract Submission......November 30, 2007
Notification for Acceptance..................May 31, 2008
Final Scientific Program ..................September 1, 2008

Pre-registration
Authors are required to complete the pre-registration by visiting the website: www.ibs2008.org/Pre-Registration.php before submitting their abstracts/full papers.

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Ms. Yu Xiao and Dr. Xupeng Cao
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