

CALL FOR CONTRIBUTIONS

The 19th International Conference on Advanced Science and Technology

in conjunction with

Taiwan - US Biotechnology Workshop 2004

Sponsors:

National Science Council, Taiwan, ROC
Mid-America Chinese American Professionals Association
University of Illinois at Chicago
Illinois Institute of Technology

ICAST 2004

Pharmacy Building, University of Illinois
Chicago, Illinois, USA
September 18, 2004

Biotechnology: Basic Sciences and Future Applications

Conference Chairs

Dr. Brenda Russell
Executive Associate Vice Chancellor
for Research
University of Illinois at Chicago
Chicago, IL 60612
russell@uic.edu

Dr. Yun Lai Chan
Professor
Physiology & Biophysics
University of Illinois at Chicago
Medical Center M/C 901
Chicago, IL 60612
yunlai@uic.edu

Technical Program Chairs

Dr. Ying-Hao Chou
Research Associate Professor
Cell and Molecular Biology
Northwestern University
Chicago, IL 60611
ych892@northwestern.edu

Dr. William Beck
Professor and Head of
Biopharmaceutical Department
University of Illinois at Chicago
Chicago, IL 60612
wtbeck@uic.edu

Track Coordinators

(A) Dr. Vincent Turitto
Professor and Chair
Biomedical Engineering
Illinois Institute of Technology
Chicago, IL 60616
turitto@iit.edu

(B) Dr. Yie W. Chien
Provost
Kaohsiung Medical University
Taiwan, ROC

(C) Dr. Andrew H. J. Wang
Director
Institute of Biochemistry
Academia Sinica
Taiwan, ROC

The annual ICAST is a tradition initiated 18 years ago by the Chinese American professionals in the Greater Chicago area. This annual gathering provides an international forum for the presentation and discussion of the latest developments and trends in biological, chemical and physical sciences, and their related technologies. Scientists, industrial practitioners as well as policy makers come together for a full day of the free exchange of ideas with the aim to promote cross-field interactions and collaboration among academic and industrial participants. This year's meeting will be held on September 18, 2004, in the University of Illinois at Chicago Medical Center at 833 South Wood Street, Chicago, IL 60612. This year's program will focus on "Biotechnology: Basic Sciences and Future Applications". The program will cover, but is not limited to, the following three topics:

(A) Bio-informatics and Bio-metrics

- bio-sensors
- bio-chips
- computational biology
- systems biology
- biotech ventures

(B) Molecular Herbal Medicine

- anti-cancer drugs
- immunity boosting compounds
- cardiovascular drugs

(C) Genomics & Proteomics

- cell and gene based therapy
- genetic screening
- gene mutation and diseases
- signal transduction networks
- pharmacogenomics

Format of the Meeting

The conference language is English, and the scientific section of the meeting will include three parallel sessions that address the three main topics outlined above. Each session will consist of 6 to 8 seminars presented by invited speakers (the list of speakers will be announced in our forthcoming meeting update). As in previous ICAST meetings, seminar speakers are requested to submit an English abstract of 200-400 words. Each submission must include the title, the authors' names, affiliations, mailing addresses, emails, and telephone numbers. Please make your submission in electronic form via email as embedded plain text or as an attached Word file to either one of the Technical Program Chairs at the following addresses no later than June 26, 2004.

Please submit your electronic abstract to Technical Program Chairs:

Dr. Ying-Hao Chou
Cell and Molecular Biology
Northwestern University
303 East Chicago Avenue
Chicago, IL 60611
ych892@northwestern.edu

Dr. William Beck
Biopharmaceutical Department
University of Illinois at Chicago
833 S. Wood Street, M/C 865
Chicago, IL 60612
wtbeck@uic.edu