

CBI Millennium Symposium Program

Wednesday, 26 July, 2000

Technical Seminars and Exhibitions: Trends of New Technologies

9:30 Opening Remarks : CBI President, N. Hirayama (Tokai Univ.)

9:40 Review Lecture: New Technologies That May Have Impact on Future CBI
Keizaburo Miki(Bios Research Institute)

10:00 Invited Lecture: Genome Strategy of Japan
Michio Ohishi (Kazusa DNA Research Institute)

1. Chemical Computing

Chair, N. Hirayama, Y. Tada (Taiho Pharmaceutical Co. Ltd.)

11:00 Company Presentations

Ryoka Systems, Inc./ DAIKIN INDUSTRIES, CO.LTD
Rikei Corporation
Teijin system Technology

12:00 Lunch Break

2. Biotechnology

Chair, K. Miki (Bios Research Institute), T. Matsusue (Mochida Pharmaceutical Co.Ltd.)

13:30 Invited Lecture

Cell Surface Engineering and Combinational Bio Engineering
M. Ueda (Kyoto University)

14:30 Company Presentations

Ciphergen Biosystems Corp.
Cura Gen Corp.
Sumishou Electronics

15:50 Break

3. Informatics

Chair, T. Kawai (Eisai Co.Ltd.), M. Hayakawa (Adin Research)

16:00 Company Presentations

TOMY SEIKO CO., LTD.
ITOCHU TECHNO-SCHIENCE Corporation
InforMax Inc.

17:00 Review Lecture: Research Trends of Genome Data Analysis and Bioinformatics in US, Europe and Japan
T. Yao (RIKEN Genomic Sciences Center)

17:50 Closeing Remarks

18:00 Mixer

Thursday, 27 July, 2000

Plenary Lectures and Poster Presentations

1. Large Scale Molecular Computing

9:30 Opening Lecture
Chair, Y. Nakata (Gunma Univ.), Y. Komeiji (Nat'l Research Lab. of Metrology, MITI)

10:00 Invited Lecture: A New Approximation Method for ab initio MO
Dr. K. Kitaura (Oosaka Prefecture Univ.)

11:00 Invited Lecture : Data Intensive Supercomputing for Biological Sciences
Dr. Lynn Ten Eyck (University of California, San Diego)

12:10 Lunch Break

2. Informaticas and Computing in Molecular Biology

Chair, K. Nakai (The Institute of Medical Science, Tokyo Univ.), K. Nakata (NIHS)

13:30 Invited Lecture: Genomics, Bioinformatics and the Human Genome Sequence
Dr. Tim Hubbard (The Sanger Center)

14:30 Invited Lecture : Cell Metabolism Simulation for Order Made Medicine
M. Tomita (Faculty of Environmental Information, Keio Univ.)

15:50 Invited Lecture: Structure-Based Lead Discovery bridges the gap between Genes and Leads
-A Structural Bioinformatics Approach-
Kal Ramnarayan, Ph.D. (Structural Bioinformatics Inc)

16:50 Invited Lecture: Genome Based Drug Discovery
Rubin Abagyan (Novartis Institute for Function Genomics)

Friday, 28 July, 2000

Plenary Lectures and Poster Presentations (Continue)

Poster Preparation (Display All Day)

3. Impact of Genomics for Biology and Medicine

9:20 Opening Lecture

Chair, K. Isono (Kobe Univ.), J. Miwa (Chubu Univ.)

9:30 Review Lecture: Advances of Genome Research and its Impact

K. Isono (Kobe Univ.)

10:10 Review Lecture: Methodology of Micro Array Data Analysis

T. Kawai (Eisai Co. Ltd.), K. Uchida (Inst. of Basic Medical Sciences, Tsukuba Univ.), E. Ichiishi (KyotoPrefectural Univ. of Medicine), M. Yoda (Tokyo Univ. of Agriculture & Technology), Y. Momose (National Institute of Bioscience and Human-Technology), T. Takai (NIHS)

10:50 Invited Lecture

Fly Research and Beginning of Comparative Genomics

Dr. Y. Hotta (Director General, National Institute of Genetics)

11:50 Lunch Break

12:30-14:30 Duty time for Poster Presentation

4. Mini Symposium : CBI in the 21st Century

Chair, T. Horiuchi (Dainippon Pharmaceutical Co. Ltd.), N. Hirayama (Tokai Univ.)

14:30 Review Lecture : QSAR and Molecular Recognition

H. Iijima (Kirin Beer Co.Ltd.), K. Nakata (NIHS), T. Nakano (NIHS)

15:10 Review Lecture : Drug Research from Genome-Next Development

T. Ishikawa (Tokyo Institute of Technology)

15:50 Break

16:10 Invited Lecture: Bioinformatics in Post Genome Sequence Age

Minoru Kanehisa (Inst. for Chemical Research, Kyoto University)

17:10 Grand Challenge of CBI

T. Kaminuma (NIHS)