



August 3-9, 1991 Adams Mark Hotel Philadelphia, PA

The 48th Annual Meeting of the Society for Industrial Microbiology will be held August 3-9, 1991 at the Adams Mark Hotel in Philadelphia, PA. The scientific program will include a workshop, 26 invited symposia and two roundtables along with contributed papers as slide or poster presentations. Also, more than 50 commercial exhibits will be presented on the latest innovations in biotechnology products.

SIM and the Parenteral Drug Association will co-sponsor a workshop on "Validation, Design and Startup of Biotechnology Plants" during the weekend prior to the meeting. The 1991 Annual Meeting program will also include the very popular Actinomycetes Roundtable/Dinner on Monday evening and the Second Annual Marcel Faber Symposium on Public Responsibility.

A preliminary program for invited symposia has been established to emphasize areas of current interest in biotechnology and topics from industrial and applied microbiology. We encourage you to submit an abstract on any related area of industrial microbiology.

SCHEDULED SYMPOSIA

ENVIRONMENTAL MICROBIOLOGY

Fungal Detoxification
Biodegradation of Halogenated Hydrocarbons
Bioremediation
Metal Leaching and Thiobacilli
Biosensors and Their Application to Environmental Problems

ENZYMES AND OTHER PROTEINS

Enzymes in Non-Aqueous Solutions
Production of Enzymes by Fermentation
Biocatalysis for Generation of Organic Molecules
Expression of Foreign Proteins

DISCOVERY OF NOVEL DRUGS

The Fungal Cell Wall: Potential Targets for the Discovery of Antifungal Agents
Novel Screening for the Identification of Biologically Active Natural Products
Search for Non-Cytotoxic Antitumor Agents

FOOD MICROBIOLOGY

Microbial Antagonism: Bacteriocins and Biocontrol
Control of Salmonellosis in Poultry and Poultry Products
Genetics of Lactic Acid Bacteria

TAXONOMY

New Methods for Identification of Industrially Important Microorganisms

REGULATORY PROCESSES

Patent Law and Protection of Biotechnology Innovation

MOLECULAR BIOLOGY OF INDUSTRIALLY IMPORTANT MICROORGANISMS

Molecular Biology of Streptomyces

Biochemistry and Molecular Biology of Industrially Important Fungi
Molecular Biology of Coryneforms

BIOTECHNOLOGY INNOVATION

Advances in Mammalian Tissue Culture
Survey of Biotechnology in Germany
Impact of Biotechnology in the Clinical Laboratory
PCR and Its Applications
Novel Processes and Products through Genetic Engineering

MARCEL FABER ROUNDTABLE ON PUBLIC RESPONSIBILITY

Crisis in U.S. Science Education

WORKSHOP SYMPOSIUM

Validation, Design and Startup of Biotechnology Plants

WORKSHOP

A two-day workshop entitled "Validation, Design and Startup of Biotechnology Plants" will be held on August 3-4 prior to the SIM '91 Annual Meeting. The workshop will be chaired by Andrew Skibo from Life Sciences International and will include a distinguished faculty of engineers, scientists and managers from the biotechnology industry. The workshop is co-sponsored by the Parenteral Drug Association.

ABSTRACTS

Abstracts may be submitted for slide or poster presentation although the Program Committee reserves the right to final assignment of the abstract.* Abstracts must be submitted by **MARCH 1, 1991** to:

*Contact SIM for abstract forms and instructions to authors.

Mrs. Ann Kulback
SIM '91
Society for Industrial Microbiology
P.O. Box 12534
Arlington, VA 22209-8534

INFORMATION

For more information regarding the scientific program and abstracts contact either Co-Chair of the Program Committee:

Dr. Edward Katz
Department of Microbiology
Georgetown University
School of Medicine
3900 Reservoir Road
Washington, D.C. 20007
Tel: (202) 687-1135
FAX: (202) 687-1800

Dr. Sima Sariaslani
Central Research & Development
E.I. du Pont de Nemours
Experimental Station
P.O. Box 80228
Wilmington, DE 19880-0228
Tel: (302) 695-7425
FAX: (302) 695-9183

For additional information about meeting or hotel registration, commercial exhibits and abstract forms contact:

Mrs. Ann Kulback
Executive Secretary
Society for Industrial Microbiology
P.O. Box 12534
Arlington, VA 22209-8534
Tel: (703) 941-5373
FAX: (703) 941-8790

International Marine Biotechnology Conference '91

October 13-16, 1991
Stouffer Harborplace Hotel
Baltimore, Maryland USA

Announcing ...

The First International Marine Biotechnology Conference (IMBC '89) in Tokyo, Japan in Sept. 1989 was organized by the Japanese Society for Marine Biotechnology. The Tokyo conference was a highly acclaimed success, and IMBC '91 should prove to be an equally exciting event. IMBC '91 will serve all those interested in marine biotechnology—from academic scientists to technologists to policy-makers. The event will focus on new breakthroughs in science, industrial applications, commerce and international policy issues of marine biotechnology. The technical presentations will consist of invited papers and poster sessions.

Organized by the Society for Industrial Microbiology, IMBC '91 is co-sponsored by:

American Chemical Society, American Society for Microbiology, Center of Marine Biotechnology, Maryland Biotechnology Institute, Department of Agriculture, State of Maryland, International Scientific Committee for Biotechnology, International Union of Biochemistry, Israel Oceanographic and Limnological Institute, Hopkins Marine Station, Stanford University, Japanese Society for Marine Biotechnology, Maryland Agriculture Experiment Station, Maryland Sea Grant College, National Association of Marine Laboratories.

Suggested Topics

BASIC SCIENCE

- Concepts and Discoveries of Animals, Plants, Microalgae and Microorganisms
- Hydrothermal Vent Communities
- Global Change
- Marine Biodiversity
- Marine Systematics
- Symbiosis in Marine Environments
- Molecular Biology

TECHNOLOGY and APPLICATIONS

- Aquaculture
- Bioactive Substances
- Bioadhesion
- Biofouling and Corrosion
- Bioprocess Engineering
- Bioremediation
- Biosensors and Bioelectronics
- Cell Culture
- Deep Sea Exploration and Robotics
- Specialty Chemicals and Materials

POLICY

- Coastal Zone Development
- Intellectual Property Rights
- Regulation of Genetically Engineered Marine Organisms
- R&D Funding

COMMERCE and INDUSTRY

- Chemicals
- Energy
- Foods and Feeds
- Informatics
- Instrumentation
- Pharmaceuticals

International Advisory Committee

Chair — H. Halvorson (USA)

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T. Matsunaga (Japan)

D. Morse (USA)
S. Miyachi (Japan)
J. Raa (Norway)
G. Salvatore (Italy)
O. Zaborisky (USA)

Information

For more information regarding the conference program, hotel accommodations, registration and abstract forms, instructions for poster presentations, and exhibits, contact:

Mrs. Ann Kulback
Executive Secretary
Society for Industrial Microbiology
PO Box 12534
Arlington, VA 22209-8534
Tel: (703) 941-5373 FAX: (703) 941-8790

or

Dr. Jennie Hunter-Cevera
SIM Conference Chair
The Biotic Network
1010 Leneve Place
El Cerrito, CA 94530
Tel: (415) 524-2460

Registration

The deadline for conference pre-registration is **September 14, 1991**. Late or on-site registration can be made but at a higher fee. Payment must be made in U.S. dollars drawn from a bank in the United States.

Registration (Prior to September 13, 1991)	\$375
Student/Spouse Registration	\$175
Late or On-site Registration	\$400

The registration fee includes the Sunday evening International Food Festival mixer following the plenary lecture, coffee breaks and breakfast and lunch for Monday through Wednesday. It also includes a group outing on Monday afternoon and a tour of the National Aquarium in Baltimore. The registration fee does not include hotel accommodations. Hotel room rates are \$120 per night for single occupancy and \$140 for double occupancy.

