Announcements

Fifth Symposium on Biotechnology for Fuels and Chemicals

It is apparent that advanced biotechnology concepts will have an important future impact on the production of fuels and chemicals. This Symposium, the fifth in a series, will serve as a forum for the various disciplines and institutions involved in developing viable new biotechnology for converting biomass, including waste materials, to fuels, other energy sources, and chemical feedstocks, and in studying other innovative concepts related to biological processes that improve energy or chemical production. Represented will be those involved in academic research, in governmental agencies and laboratories, and in industry. Since this type of technology is beginning to mature, we will place additional emphasis on process engineering, including a panel discussion on "Challenges to Bioprocess Engineering." Formal sessions and a poster session will be held as in t he past; a new addition to the program will be informal discussion groups organized for four topics.

The General Chairman of this series of symposia is Charles D. Scott, Oak Ridge National Laboratory, Oak Ridge, Tennessee.

For further information, write to Dr. Scott at:

Oak Ridge National Laboratory, P.O. Box X, Oak Ridge, Tennessee 37830, USA.

Fifth International Symposium on Affinity Chromatography and Biological Recognition

St. John's College, Annapolis, Maryland, June 13–17, 1983

The Fifth International Symposium on Affinity Chromatography and Biological Recognition will be held on the campus of St. John's College, Annapolis, Maryland, USA. The college is located about 30 miles east of Washington, D.C. and 35 miles south of Baltimore; it will provide a pleasant and ideal setting for formal and informal exchanges of ideas and information among participants from many fields of biomedical science.

Symposium Program

* Macromolecular Bio-recognition: P. Cuatrecasas, Chairman
* Quantitative Uses and Design of Affinity Methods: K. Mosbach, Chairman

* Multispecificity in Macromolecular Separations: N. Kaplan, Chairman
* New Purification Applications: J. Porath, Chairman
* Hydrophobic Recognition and Chromatographic Applications: S. Shaltiel, Chairman
* Affinity Therapeutics: M. Wilchek, Chairman
* Analytical Applications and Clinical Diagnostics:
* Current Trends and Prospects in Uses of Biological Recognition Processes; C. Anfinsen, Chairman
* Summary lecture of the Symposium: E. Katzir.

Each of the above sessions will include 3 to 4 lectures. Posters will fall mainly within the range of the above topics. Workshops will be associated with the poster sessions. Registration fee: $225.

For Registration and Hotel Reservation. Write to: Ms. Barbara C. Nichols, Fifth International Symposium Secretariat, 9650 Rockville Pike, Bethesda, MD 20814, USA. Telephone: (301)-530-7010.

Genetic Engineering for Chemists and Chemical Engineers

May 25–37, 1983, New York Sheraton Hotel, New York

Course fee: $700; Enrollment limited. For further information, contact: Dr. James E. Bailey, 1665 E. Mountain St., Pasadena, CA 91104, Phone 213-356-4116.

Announcements

State-of-the-Art
WORKSHOP
On
Enzyme & Protein Immobilization

TUFTS UNIVERSITY
MEDFORD, MA
JUNE 13, 14 & 15, 1983

This three day workshop will offer participants a unique opportunity to acquire hands-on laboratory experience in enzyme and protein immobilization techniques.

The Program is designed for Chemists, Biochemists, and Chemical Engineers who want to gain insight into this rapidly growing field. The format will combine lectures with intensive laboratory sessions so that participants can directly apply lecture material to real laboratory situations. Emphasis will be placed on the practical aspects and applications of the techniques.

Lecture and Laboratory Experiments will include

- Chemistry of Immobilization
- Immobilized Enzymes and Cells for Organic Synthesis
- Enzyme Electrodes
- Cofactor Regeneration
- Immobilized Species for Producing Specialty Chemicals
- Immobilized Species for Monitoring Industrial Processes
- Reactor Design

Faculty

- Charles L. Cooney - MIT
- George G. Guilbault - New Orleans
- Alexander M. Klibanov - MIT
- Jean Mayer - Tufts
- Albert Robbat - Tufts
- David R. Walt - Tufts
- Howard Weetall - Corning Glass
- George M. Whitesides - Harvard

Enrollment is limited so don't delay your inquiry. Call or write us today for a Workshop brochure plus cost and registration details.

Tufts University
Conference Bureau
Medford, MA 02155
Telephone (617) 381-3568