

Announcements

DRUGS AFFECTING PAF An Update on Their Therapeutic Applications

*September 14–15, 1988
Royal College of Physicians
London, England*

This conference will review the current state of knowledge of the biological activities of PAF (Platelet Activating Factor) in a number of major organ systems and the implications of this research for developing PAF antagonists as novel therapeutic agents. The conference will discuss the actions of PAF in relation to immune responses, inflammation, the cardiovascular system, and early pregnancy. Additionally, the current status of development of PAF antagonists, including early clinical work with these drugs will be discussed.

HEPARIN AND RELATED POLYSACCHARIDES New Directions for Old Drugs

*September 29–30, 1988
Hilton Hotel
London, England*

The conference will review the established clinical position of heparin and related molecules while providing an update on the development of novel low molecular weight heparin fragments. Additionally, the conference will focus on some of the lesser known aspects of heparin research and review the prospects of heparin and related drugs as novel therapies of pathological conditions other than thrombosis, such as asthma and inflammation.

**FIFTH EUROPEAN SEMINAR AND EXHIBITION
ON COMPUTER-AIDED MOLECULAR DESIGN**

*October 5–6, 1988
Acropolis Convention Centre
Nice, France*

This fifth meeting in the series comes at a time when the methods of statistical mechanics are starting to join graphics and theoretical calculations as the major techniques in computer-aided molecular design. All these methods will be featured at this seminar. It will enable companies already involved in molecular modeling to assess the new techniques and to see the future directions of research, at the same time giving a clear view of the current state of the art in drug design. Extensions into transition states, molecular electronics, and artificial intelligence will illustrate new areas of growth. In addition to the lectures, delegates will gain valuable experience from exhibitors demonstrating their hardware and software throughout the seminar.

**Full details of each conference from
Penny Robinson**

**IBC Technical Services, Ltd.
Bath House, 56 Holborn Viaduct,
London EC1A 2EX UK
Telephone 01-236-4080
Telex 888870 IBC G**

**ELEVENTH SYMPOSIUM
ON BIOTECHNOLOGY FOR FUELS AND CHEMICALS**

*May 8–12, 1989
Antler's Hotel, Colorado Springs, Colorado*

**Further information and registration forms from
Elias Greenbaum**

**Oak Ridge National Laboratory
PO Box 2008
Oak Ridge, TN 37831**

Announcement

A UCLA SYMPOSIUM Protein and Pharmaceutical Engineering

January 17–22, 1989

Park City, Utah

*Organizers: Charles Craik, Robert Fletterick,
C. Robert Matthews, and James Wells*

This meeting will explore recent findings as well as new technology for structure-function analysis and the rational design of proteins of fundamental and practical importance. State-of-the-art theoretical and empirical methods for predicting and linking protein structure with function will be presented. Experimental approaches will probe mechanisms of protein folding and the underlying forces that govern protein stability, enzymatic catalysis, and specificity. Specific examples will demonstrate how the emerging science of protein engineering can be applied to drug and peptide design, the production of altered enzymes, catalytic antibodies, peptide hormones, and binding proteins, and the study of membrane proteins and receptors. This meeting will draw on scientific contributions from both academic and industrial laboratories to further illuminate fundamental principles for protein design.

For further information, contact

**UCLA Symposia
103 Molecular Biology Institute
Los Angeles, CA 90024-1378
Telephone 213-206-6292
Telefax 213-825-6086**

**GENETIC ENGINEERING COURSE PLANNED
FOR CHEMISTS AND CHEMICAL ENGINEERS**

September 7–9, 1988

University of California, Berkeley

Instructors: James E. Bailey and Judith L. Campbell

An intensive three-day course will be presented under the sponsorship of UC's College of Engineering and Continuing Education in Engineering.

The course is designed as an introduction to genetic engineering, with emphasis on applications. It covers the concepts, language, materials, methods, and current commercial contexts of this rapidly developing field. Enrollees are not required to have a background in biochemistry.

The instructors are faculty members of the California Institute of Technology. Both are noted researchers in biotechnology, and Dr. Bailey is the author of a widely-used text on biochemical engineering.

Full-day course sessions will be held in the Bechtel Engineering Center on the Berkeley campus. The registration fee of \$725 includes all course materials. Enrollment is limited and advance registration is necessary.

For further information, contact

Continuing Education in Engineering

**UC Berkeley Extension,
2223 Fulton St., Berkeley, CA 94720
or Telephone 415-642-4151**