

ANNOUNCEMENTS

STUDY OF CELLULAR ROLES OF CALCIUM 11th INTERNATIONAL SUBCELLULAR METHODOLOGY FORUM

University of Surrey, Guildford, U.K.
6–9 September 1988

Organizers: E. Reid (Guildford) and C. A. Pasternak (London).

The topics will include calcium movement, binding and release; role of calcium in intracellular signalling and modulation; calcium secretion and other physiological processes including those involving eicosanoids or cholesterol; biochemical pharmacology, and cell injury and its prevention. Reports will include studies in tissues—particularly cardiac muscle, cells and sub-cellular structure.

Information obtainable from:

Dr. E. Reid
Guildford Academic Associates
72 The Chase
Guildford
Surrey GU2 5UL, U.K.
(Tel. 0483 65324; Telex 859643).

INTERNATIONAL CONFERENCE ON BIOMEMBRANES IN HEALTH AND DISEASES

Lucknow, India, 1–4 November 1988

The Conference will include both invited speakers and contributed papers, posters and panel deliberations on the following major topics:

Structure and function of biomembranes under normal, stress and toxic insult.

Altered membrane functions in health and disease or disorders caused by xenobiotics, cancer and autoimmune diseases.

Ligand–membrane receptor binding under normal and altered physiological conditions.

Cell–cell communications, cell fusion, hybridoma technology, secretions of bioactive products such as interferons and interleukins.

Methodological approaches in membrane research in relation to health and diseases.

Artificial membranes, liposome research.

Biotechnology and membranes.

For further information, please contact:

Dr. A. M. Kidwai
General Secretary
Biomembrane Laboratory
Industrial Toxicology Research Centre
Post Box No. 80
Lucknow 226001
India
(Cable: INTOXI)

AMERICAN SOCIETY OF PHARMACOGNOSY AWARDS AND GRANTS—1988

To stimulate interest in all phases of natural products research, The American Society of Pharmacognosy is offering the following awards and grants.

I. Research Starter Grants

Members of the Society who are within the first five years of assuming their first professional position are eligible for a grant of \$2000 to \$5000 to aid in their research. These grants will not provide overhead money to the grantee institution. Applications for this year are due 1 February 1988.

II. Travel Grants for Active Members

Members of the Society who are within the first five years of assuming their first professional position are eligible for a grant of \$300 to \$500 to enable them to present a paper at an annual meeting of the Society. Applications are due 1 May 1988.

III. Travel Grants for Graduate Students

Graduate students working under supervision of a Society member are eligible for a grant of \$300 to \$500 to enable them to present a paper at an annual meeting of the Society. Applications are due 1 May 1988.

IV. Undergraduate Research Awards

Undergraduate students interested in investigating a career in natural products research are eligible for a research award to study under the direction of a Society Member on the faculty of an American college or university. These awards (\$2000 to the student and \$500 to the advisor) do not provide overhead money to the grantee institution. The research project is to be accomplished in a summer during the student's academic program leading to the BS or Pharm.D. degrees. Applications are due 1 February 1988.

Address inquiries and requests for application information to:

Chris M. Ireland, Ph.D.
Chairman, Awards Committee
American Society of Pharmacognosy
College of Pharmacy
University of Pittsburgh
Salt Lake City
Utah 84112, U.S.A.

PRELIMINARY ANNOUNCEMENT OF THE INTERNATIONAL CONGRESS ON NATURAL PRODUCTS RESEARCH

Sponsored jointly by

The American Society of Pharmacognosy and The Japan Society of Pharmacognosy

Prospector Hotel in Park City, Utah with arrangements by the Department of Medicinal Chemistry at
The University of Utah, Salt Lake City, Utah, 17-21 July 1988

Symposia

Seven invited speakers will participate in two symposia:

- I. *Algae as a Source of New Biologically-Active Natural Products.*
Prof. Jun'ichi Kobayashi, Miysubishi-Kasei Inst. of Life Sciences in Tokyo.
Prof. Richard E. Moore, University of Hawaii.
Prof. Yuzuru Shimizu, University of Rhode Island.
- II. *New Analytical Methods in Natural Products Research.*
Dr. Yohei Hashimoto, Kobe Women's College.
Dr. Peter Jeffs, Smith-Kline and French Laboratories.
Prof. James A. McCloskey, University of Utah.
Prof. Takuo Okuda, Okayama University.

Specific titles for these presentations are not yet available, but all symposia papers will be comprehensive and timely. Also contributed papers covering all aspects of medicinal natural products research are invited as podium talks or poster sessions. Complete details will be available in a full announcement available next Winter or early Spring. The deadline for all contributed papers will be sometime in May, 1988.

For details and/or to have the full announcement mailed to you write or write or phone Prof. Chris M. Ireland, Dept. of Medicinal Chem., 308 Skaggs Hall, Univ. of Utah, Salt Lake City, Utah 84112 (phone 801 581-8305); Ms Marje Jensen, same address (phone 801 581-7063); or Mr. Jim Klocke, Native Plants Inc., 417 Wakara Way, Salt Lake City, Utah 84108 (phone 801 582-0144); except:

Persons in Japan or nearby countries who should contact Dr. Yohei Hashimoto, President, Japan Society of Pharmacognosy, Kobe Women's College of Pharmacy 4-19-1, Motoyamakita-Machi, Higashinada-Ku, Kobe 658, Japan.

Please, do not contact anyone other than those people cited above for information, etc. as this will only lead to serious delays in response.

NOTICE: Those holding practitioner's licensure in states of the US where continuing education (CE) credits are required and others wishing such credits may obtain these from attendance at this meeting under ACPE providership. This program is provided in accordance with ACPE criteria for a nominal fee. Participants may sign up for such credit without prior arrangement when they arrive at the meeting.

If further information is desired contact:

Dr. Robert J. Kreuger
School of Pharmacy
Ferris State College
Big Rapids
Michigan 49307, U.S.A.