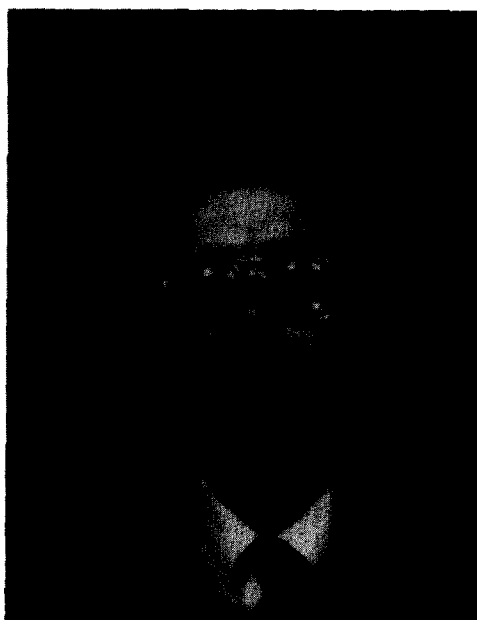


ANNOUNCEMENTS

THE PHYTOCHEMICAL SOCIETY OF EUROPE TATE & LYLE AWARD



1989 Award Lecturer
Dr Fred J. Evans

The 1989 Tate & Lyle Award was presented to Dr Fred J. Evans at the P.S.E meeting on 'Biochemistry and Molecular Biology of Plant:Pathogen Interactions' in Norwich on 12 April 1989. Following the presentation Dr Evans delivered a lecture entitled 'Protein kinases C and RX-kinase, two receptors for the toxic phorbol-daphnane esters'.

Dr Evans joined the Department of Pharmacognosy at The School of Pharmacy, University of London as a Lecturer in 1970 and was promoted to Senior Lecturer in 1984 and to Reader in 1989. Dr Evans is a member of the Editorial Board of the 'Journal of Pharmacy and Pharmacology', and is Editor-in-Chief of the new and very successful journal 'Phytotherapy Research'.

Dr Evans research interests concern the use of plant derived chemicals as pharmacological/biochemical probes for the elucidation of biochemistry of human disease states. As an extension to this work, Dr Evans is currently investigating the development, from natural carbon nuclei, of specific antagonists to kinase enzymes involved in cell proliferation and inflammation as potential drug substances. In particular, the phorbol-daphnane group of natural products have been extensively studied over a number of years. Biological probes obtained from a number of genera of the plant families Euphorbiaceae and Thymeleaceae have been used either directly or following synthetic modification. This approach has enabled structure-activity correlations, differential pharmacological activities, receptor binding methods, kinase activation and inhibition techniques, separation of specific kinase enzymes and their cellular function in animal and human tissue to be investigated. Significant has been the discovery of 'transferable aggregating substance', a new peptide hormone secreted by human platelets in response to phorbol ester stimulation. More recently, Dr Evans and his co-workers have been able to isolate RX-kinase, a calcium independent phorbol receptor from human T-lymphocytes, which may have a role in the control of ion channels.

Nominations for the Tate & Lyle Award are always welcome and should be addressed to the Chairman or Secretaries of the Phytochemical Society of Europe

FIFTEENTH INTERNATIONAL CONFERENCE OF THE GROUP POLYPHENOLS

This will be held in the University of Strasbourg, France from 9 to 11 July 1990. Principal speakers and topics are: R. Anton (Strasbourg, France) Do polyphenols explain the therapeutical effects of medicinal plants?, C. Benezra (Strasbourg, France) The influence of phenolics on organoleptic properties of wines, J. Ebel (Freiburg, F.R.G.) Stimulation of the phytoalexin defence response in soybean by a fungal pathogen and a fungal glucan, A. G. M. Gerats (Amsterdam, The Netherlands) Flavonoid synthesis in *Petunia hybrida*, a model system for molecular research, J. B. Harborne (Reading, U.K.) Malonated anthocyanins and related flavonoids, E. Haslam (Sheffield, U.K.) Molecular complexation of natural polyphenols, K. Hostettmann (Lausanne, Switzerland) New polyphenols from African medicinal plants, R. F. Hurrell (Vevey, Switzerland) The influence of polyphenol-containing beverages on iron absorption in man, J. C. Merlin (Lille, France) Infrared and Raman spectroscopy. new tools in the molecular investigation of flavonoids, D. Strack (Braunschweig, F.R.G.) Metabolism of hydroxycinnamic acid conjugates, E. Wollenweber (Darmstadt, F.R.G.) Phenolic constituents and sensitising properties of propolis, poplar balsam and related materials

For registration forms and further details, write to:

Professor Raymond Brouillard,
JIEP 90,
Universite Louis Pasteur,
Institut de Chimie - BP 296 R8,
1 rue Blaise Pascal,
67008 Strasbourg Cedex,
France

FIRST INTERNATIONAL CONGRESS ON ETHNOPHARMACOLOGY

This will be held in Strasbourg, France from 5 June to 9 June 1990. Main topics are (1) Modern evaluation of field and ethnobotanical informations, (2) Integration of chemical, pharmacological and toxicological data; (3) Recent results in ethnopharmacological research, (4) Clinical validation of native drugs and (5) Ethnopharmacology and future drug development. economical, political, sociological and industrial implications. For further information, write to

Professor Robert Anton,
Faculté de Pharmacie,
Laboratoire de Pharmacognosie,
BP 24,
67401 Illkirch Cedex,
France

MOLECULAR AND PHYSIOLOGICAL ASPECTS OF PLANT PEROXIDASES

The second international symposium on this topic will be held at the University of Lublin, Poland from 27 August to 29 August 1990. For further information and registration, write to:

Dr Jerzy Lobarzewski,
Department of Biochemistry,
The University of Maria Curie-Skłodowska,
20-31 Lublin 41,
Poland.