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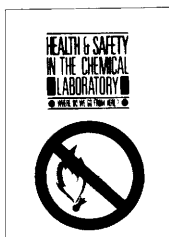
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SPECIAL PUBLICATIONS

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— where do we go from here?



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This publication provides an overview of health and safety developments in the chemical laboratory and workplace, and will provide essential reading for anyone involved in these areas.

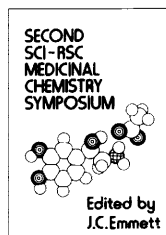
Contents:

Accident and Dangerous Occurrence Statistics in the United Kingdom; Morbidity and Mortality Studies; Economics of Health and Safety Measures; Procedures and Statistics in France; Professional Negligence, Liability and Indemnity; The System in the United States of America; The System in the United Kingdom; The System in the Federal Republic of Germany; Hazards of Handling Chemicals; Hazards of Apparatus, Equipment, and Services; Managing People; What Standards Should We Use? Conflict of Safety Interests with Legislation; The Protection of Workers Exposed to Chemicals: the European Community Approach; Recommendations Arising from the Symposium.

ROYAL
SOCIETY OF
CHEMISTRY

The Royal Society of Chemistry
Burlington House
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Second SCI-RSC Medicinal Chemistry Symposium



Edited by J. C. Emmett
Softcover 342pp 0 85186 935 1
Price £24.00 (\$43.00)
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There are many new and developing areas in the subject of medicinal chemistry. This book will provide not only interesting reading but also food for thought for those involved in active research.

The theme of this book attempts to cater for some of the wider interests of medicinal chemists including Mediator Regulation in Cardiovascular Drug Therapy, The use of Computer Graphics in Drug Design, Biological Challenges to Organic Synthesis and Control of Arachidonic Acid Cascade.

Contents:

Mediator Regulation in Cardiovascular Drug Therapy:

Chemical Pharmacology of Calcium Antagonists; Adrenoceptor Modulation; Structure-Activity Studies with Angiotensin Converting Enzyme Inhibitors Related to Enalapril and MK 521; Phosphodiesterase inhibitors as Cardiotonic Agents; The Cardiac Bipyridines — A New Chemical Entity with Distinct Positive Inotropic and Vasodilatory Activity;

The use of Computer Graphics in Drug Design:

The use of Interactive Computer Graphics in the Study of Molecular Structure and Intermolecular Interactions; Systematic Search of Conformational Space: Use and Visualization; The Use of Molecular Graphics in the Design of Enzyme Inhibitors; The Design of Triazole Fungicides;

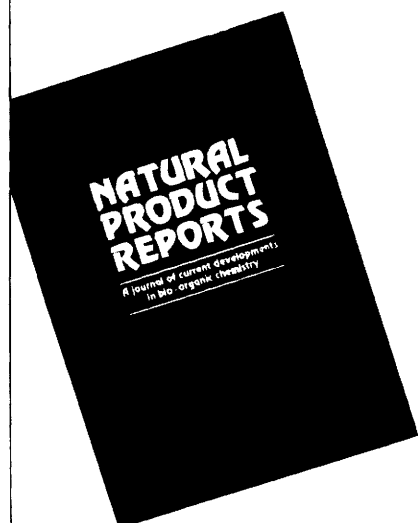
Biological Challenges to Organic Synthesis:

The Anthracycline Antibiotics: Some Synthetic Endeavours; Natural Product Synthesis via π -Allyltricarboxyliron Lactone Complexes; The "Chemist's Enzymes" as Templates for the Synthesis of Biologically Active Molecules;

Control of the Arachidonic Acid Cascade:

Manipulation of the Arachidonic Acid Cascade; Chemical Studies on Slow Reacting Substances/Leukotrienes: The Role of Arachidonic Acid Products in the Respiratory System; Peptidoleukotriene Agonists and Antagonists; The Design of Selective Thromboxane Synthetase Inhibitors; Agonists, Analogs, and Modulators of Arachidonic Acid Cascade as Therapeutic Agents; Synthesis of Some 13-Azaprostanoids and Their Action as Thromboxane Receptors.

A NEW REVIEW JOURNAL FROM THE ROYAL SOCIETY OF CHEMISTRY



NATURAL PRODUCT REPORTS

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Natural Product Reports is a new bimonthly review journal which commenced publication in February 1984. It reviews recent developments in areas of natural product chemistry previously covered by the Specialist Periodical Reports (annual or biennial reviews) entitled "The Alkaloids", "Biosynthesis", "Terpenoids and Steroids" and "Aliphatic and Related Natural Product Chemistry". These titles have been discontinued. Publication in journal form helps to overcome the problem of overlap and enables reports to be published much faster than is possible in an annual volume. Furthermore, an annual subscription to *Natural Product Reports* costs substantially less than a subscription to the above mentioned Specialist Periodical Reports.

Natural Product Reports, however, is more than just a continuation of subjects covered by a number of SPR titles – coverage has been expanded to include such areas as chemotaxonomy, enzymology and biosynthetic aspects of biotechnology, and also advances in physical techniques used for structure determination eg: n.m.r., h.p.l.c. mass spectrometry, and chiroptical data.

Natural Product Reports consists of critical reviews written by groups of leading authorities, many of whom have gained worldwide recognition for their contributions to the subject area. Each issue contains approximately 100 pages covering six or seven articles; there is an author index and a subject index (cumulated annually) to facilitate location of articles dealing with specific areas.

CONTENTS OF 1984 ISSUES:

No. 1 (February)

Rotenoids and their Biosynthesis; Indole Alkaloids and Mould Metabolites; Triterpenoids; Carotenoids and Polyterpenoids; Macrocyclic Microbial Metabolites;

No. 2 (April)

Sesquiterpenoids; Diterpenoids; The Biosynthesis of Plant Alkaloids and Nitrogenous Microbial Metabolites; Quinoline, Quinazoline, and Acridone Alkaloids; Aporphinoid Alkaloids;

No. 3 (June)

Steroids: Physical Aspects; Steroidal Alkaloids; Pyrrolidine, Piperidine, and Pyridine Alkaloids; Tropane Alkaloids; Pyrrolizidine Alkaloids; Indolizidine Alkaloids; Amaryllidaceae Alkaloids; Marine Natural Products: Metabolites of Marine Algae and Herbivorous Marine Molluscs; The Biosynthesis of Polyketides; Insect Pheromones and Related Natural Products;

No. 4 (August)

Monoterpenoids; Diterpenoids; Quinolizidine Alkaloids;

β -Phenylethylamines and the Isoquinoline Alkaloids; *Erythrina* and Related Alkaloids; Diterpenoid Alkaloids; Muscarine, Imidazole, and Peptide Alkaloids and Other Miscellaneous Alkaloids; Steroids: Reactions and Partial Syntheses;

No. 5 (October)

Prostaglandins, Thromboxanes, Leukotrienes, and Related Arachidonic Acid Metabolites; The Biosynthesis of C_5 - C_{20} Terpenoid Compounds; The Biosynthesis of Shikimate Metabolites; Isolation of Natural Products by Droplet Counter-Current Chromatography and Related Methods; Fatty Acids and Glycerides; The Chemistry and Biochemistry of Simple and Complex Lipids;

No. 6 (December)

Phases of Membrane Polar Lipids in Aqueous Systems; Diterpenoids; The Biosynthesis of Cyanogenic Glycosides and Glucosinolates; Marine Natural Products: Metabolites of Marine Invertebrates;

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Articles to appear in February 1985 issue:

The Biosynthesis of Porphyrins, Chlorophylls, and Vitamin B₁₂; Triterpenoids Recent Progress in the

Chemistry of Indole Alkaloids and Mould Metabolites; β -Phenylethylamines and the Isoquinoline Alkaloids;

