NATURAL PRODUCT REPORTS
A JOURNAL OF CURRENT DEVELOPMENTS IN BIOORGANIC CHEMISTRY

Articles that will appear in forthcoming issues include:

Secondary Metabolism in Plant Tissue Culture: Scope and Limitations **D V Banthorpe** (selectively reviewing the literature to the end of 1992)

Mechanism of Action of Vitamin K **P Dowd, R Hershline, S W Ham, and S Naganathan**

Diterpenoids **J R Hanson** (reviewing the literature published during 1992)

Amaryllidaceae and *Sceletium* Alkaloids **J R Lewis** (reviewing the literature published during 1992)

Inhibitors of Squalene Biosynthesis and Metabolism **I Abe, C Tomesch, S Wattanasin, and G D Prestwich** (reviewing the literature published between January 1988 and September 1993)

Muscarine, Oxazole, Imidazole, Thiazole, and Peptide Alkaloids, and Other Miscellaneous Alkaloids **J R Lewis** (reviewing the literature published between July 1991 and June 1992)

Isotope Effects in the Elucidation of Enzyme Mechanisms **N P Botting**

Marine Natural Products **D J Faulkner** (reviewing the literature published during 1992)

Tropane Alkaloids **G Fodor and R Dharanipragada** (reviewing the literature published during 1992)

Steroids: Reactions and Partial Syntheses **V Cerny** (reviewing the literature published during 1992)

Natural Sesquiterpenoids **B M Fraga** (reviewing the literature published during 1992)

Triterpenoids **J D Connolly, R A Hill, and B T Ngadjui** (reviewing the literature published between January 1990 and December 1991)

The Use of Supercritical Fluids in the Isolation of Natural Products **C D Bevan and P S Marshall**

ß-Phenylethylamines and the Isoquinoline Alkaloids **K W Bentley** (reviewing the literature published between July 1992 and June 1993)

Recent Progress in the Chemistry of Indole Alkaloids and Mould Metabolites **J E Saxton** (reviewing the literature published in 1992)

The Biosynthesis of Plant Alkaloids and Nitrogenous Microbial Metabolites **R B Herbert** (reviewing the literature published in 1992)

Pyrrole, Pyrrolidine, Pyridine, Piperidine, and Azepine Alkaloids **A O Plunkett** (reviewing the literature published between July 1991 and June 1992)

Modern Mass Spectrometry in Bioorganic Analysis **M A Baldwin**

Phenyl Glycosides in Plants: Structure and Biological Activity **C Jiménez and R Riguera**

Steroid Total Synthesis **F J Zeelan** (reviewing the literature published between 1986 and 1993)

Recent Eicosanoid Chemistry **D Clissold and C Thickitt**

Biosynthesis of Fatty Acid and Polyketide Metabolites **D O'Hagan** (reviewing the literature published between mid-1992 and mid-1993)

Pyrrolizidine Alkaloids **D J Robins** (reviewing the literature published between July 1992 and June 1993)

The Royal Society of Chemistry
Younger Chemists Committee

Pre-Doctoral Chemistry Symposium

1994 Autumn Meeting, University of Glasgow

6th September 1994

CALL FOR PAPERS

The Younger Chemists Committee are organising a Pre-Doctoral Symposium as part of the RSC's Autumn Meeting, to be held at The University of Glasgow from 6-9th September 1994. There will be four parallel sessions for oral presentations, plus a poster session, reflecting the themes adopted by the following Divisional symposia at the Autumn Meeting:-

Analytical:-	Analytical Challenges in Toxicology and Pollution.
Dalton:-	Diversity in Co-ordination Chemistry
Faraday & Macro:-	Reactions and Mechanisms for Fine Chemicals in Heterogeneous Catalysis. The Organic and Physical Chemistry of Macromolecules.
Perkin:-	Organic Chemistry: Synthesis and Mechanisms.

Postgraduate and young industrial chemists, aged under 30, are invited to submit abstracts for consideration as oral or poster presentations. Participants whose contributions are accepted will not be expected to pay the registration fee of £20. Papers covering topics not included in the theme of the Autumn Meeting are equally welcome for consideration.

Anyone wishing to contribute a paper or poster, shculd submit a title and abstract (ca. 100 words) **as soon as possible** to:-

Dr John F Gibson
Secretary (Scientific)
The Royal Society of Chemistry
Burlington House
London W1V 0BN
Tel:- 071-437 8656

Organised in conjunction with the West of Scotland Section of The Royal Society of Chemistry

XVIIth INTERNATIONAL CARBOHYDRATE SYMPOSIUM

Ottawa, Ontario, Canada
July 17-22, 1994

The *XVIIth International Carbohydrate Symposium* will be held on July 17-22, 1994 at the Westin Hotel, Ottawa, Ontario, Canada. The Symposium will consist of plenary lectures, invited lectures, selected oral presentations, and poster sessions. The Symposium program will cover all aspects of the chemistry and biochemistry of carbohydrates: structure, synthesis, biochemistry and biotechnology/industry.

The following distinguished scientists have agreed to present plenary lectures: *H. Brade*, Germany; *P. Colman*, Australia; *S.J. Danishefsky*, U.S.A.; *J.W. Gillard*, Canada; *G. Hart*, U.S.A.; *A. Kobata*, Japan; *H. Kunz*, Germany; *C.A.A. van Boeckel*, The Netherlands; *S. Withers*, Canada, and *C.-H. Wong*, U.S.A. (Whistler Award lecture).

Symposium Chairman
Harold J. Jennings, Institute for Biological Sciences, National Research Council Canada, 100 Sussex Drive, Ottawa, Ontario, Canada K1A 0R6. FAX: (613) 941-1327.

Symposium Secretariat
Mrs. Doris Ruest, Executive Secretary, XV11th International Carbohydrate Symposium, National Research Council Canada, Ottawa, Ontario, Canada K1A 0R6
Telephone: (613) 993-0414, FAX: (613) 957-9828, Telex: 053-3145.

Deadline for Submission of Abstracts
Abstracts must be received by the Symposium Secretariat not later than March 15, 1994.

Publications
The abstracts of all accepted communications received by the due date will be available at the time of the Symposium. The plenary lectures will be published by IUPAC following the meeting.

Satellite Meetings
July 13-15, 1994, *Plant Polysaccharide Symposium*, University of Guelph, Canada. Contact: Dr. V.F. Rasper, Department of Food Science, University of Guelph, Guelph, ON, N1G 2W1. Telephone: (519) 824-4120 ext. 3876: FAX: (519) 824-6631.

July 24-28, 1994, *Symposium on Conformational Analysis of Oligo- and Polysaccharides*, Far Hills Inn, Val Morin, Québec, Canada. Arrangements have been made for a bus from Ottawa on July 24th. Contact: Dr. Art Grey, NMR Laboratory, Carbohydrate Research Centre, Medical Sciences Building, University of Toronto, Toronto, ON, M5S 1A8. Telephone: (416) 978-6229; FAX: (416) 978-6885;
E-mail: art@gene01.med.utoronto.ca.

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Other papers in the subject areas covered by *J. Chem. Soc.* are published in synopsis/microform format in *J. Chem. Research*. For the benefit of readers of *J. Chem. Soc.*, the contents list of *J. Chem. Research (S)*, Issue 3, is reproduced below.

N.B. The numbers in parentheses, prefaced by *M*, indicate the first frame occupied by the *full-text version* of the paper in *J. Chem. Research (M)*. Where no such number is given, the paper as published in *J. Chem. Research (S)* is complete in itself, and there is no extra material in Part *M*.