

NATURAL PRODUCT REPORTS

A JOURNAL OF CURRENT DEVELOPMENTS IN BIO-ORGANIC CHEMISTRY

Articles that will appear in forthcoming issues include:

Deoxynojirimycin: Synthesis and Biological Activity **A B Hughes** and **A J Rudge**

The Fluorinated Natural Products **D B Harper** and **D O'Hagan**

The Biosynthesis of Shikimate Metabolites **P M Dewick** (reviewing the literature published during 1992)

Monoterpenoids **D H Grayson** (reviewing the literature published during 1990)

Novel Constituents of *Uvaria* Species **V S Parmar et al.** (reviewing the literature published between 1968 and February 1993)

Quinoline, Quinazoline, and Acridone Alkaloids **J P Michael** (reviewing the literature published between July 1991 and June 1992)

Isoprenoid-substituted Phenolic Compounds of Moraceous Plants **T Nomura** and **Y Hano** (reviewing progress since 1988)

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 *Scelletium* 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 from January 1988 to 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**

β -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)

Journal of Chemical Research, Issue 1, 1994

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 1, is reproduced below.

- 1 The Photochemical Chlorosulfonation of Heptane by Sulfuryl Chloride: the Role of Solvent and Catalyst — a Reinvestigation
(M 0101) **Amel Tazerouti, Saïd Rahal and Jean-Philippe Soumillion**
- 2 Reaction of Aromatic Thioketones with the Carbenoids generated from Phenyliodonium Bis(phenylsulfonyl)methylide and Bis(arylsulfonyl)diazomethanes: Reinvestigation of the Reaction involving a Revised Structure for the Product **Takao Saito, Shinogi Gon, Hideki Kikuchi and Shinichi Motoki**
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- 6 A Facile Synthesis of Some Pyrazolo Analogues of Tricyclic Purine Derivatives via Hydrazonoyl Halides **Abdelgawad A. Fahmi, Saleh T. Mekki, Hassan A. Albar, Ahmad S. Shawali, Hamdi M. Hassaneen and Hyam Abdelhamid**
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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*.

5TH

BELGIAN ORGANIC SYNTHESIS SYMPOSIUM

organized under the auspices of
the Royal Belgian Academy of Sciences, Letters and Fine Arts.
Namur, July 11-15, 1994

The symposium will include:

- The Merck-Schuchardt Chair in Organic Synthesis: a one-day course on a specific topic;
- A series of plenary lectures with ample time for discussion;
- A special lecture delivered by the recipient of Dr. Paul Janssen Prize for Creativity in Organic Synthesis;
- Poster sessions;
- An exhibition of scientific instruments, books and chemicals.

The conference will take place in the auditorium "Pedro Arrupe" of the "Facultés Universitaires Notre Dame de la Paix, Namur".

The Merck-Schuchardt Chair

will be held on July 11 by Prof. D. Seebach, Zürich, Switzerland.
Chairman: J.M. Lehn (Strasbourg) France

The following distinguished scientists

have accepted the invitation to present a plenary lecture:

- Adam W. (Würzburg) Germany
- Fraser-Reid B. (Durham) U.S.A
- Ghosez L. (Louvain-la-Neuve) Belgium
- Greene A. (St. Martin D'Herès) France
- Lehn J.-M. (Strasbourg) France
- Masamune (Cambridge) U.K.
- Murahashi S.-I. (Osaka) Japan
- Nicolaou K.C. (La Jolla) U.S.A.
- Smith A. (Philadelphia) Pennsylvania - U.S.A.
- Stoddart J.F. (Birmingham) U.K.
- Zard S.Z. (Palaiseau) France

The organizing committee:

Prof. A. Krief, Chairman (Namur), Dr. W. Dumont (Namur), Prof. L. Hevesi (Namur)

The scientific committee:

P. De Clercq (Gent), L. Ghosez (Louvain-la-Neuve), A. Krief (Namur), G. L'abbé (Leuven), J. Nasielski (Bruxelles), M. Vandewalle (Gent), H.G. Viehe (Louvain-la-Neuve)

General Information:

Those who intend to contribute a poster should submit an abstract on a special form (mailed with the second circular letter).

For further information contact the chairman of the symposium:

Prof. A. Krief, Facultés Universitaires Notre Dame de la Paix, Department of Chemistry
61, rue de Bruxelles, B-5000 Namur, Belgium
Tel. 32.81.72.45.39 - Fax 32.81.72.45.36

Financial support such as sponsoring, publicity in the programme or participation in the exhibition is gratefully welcomed.



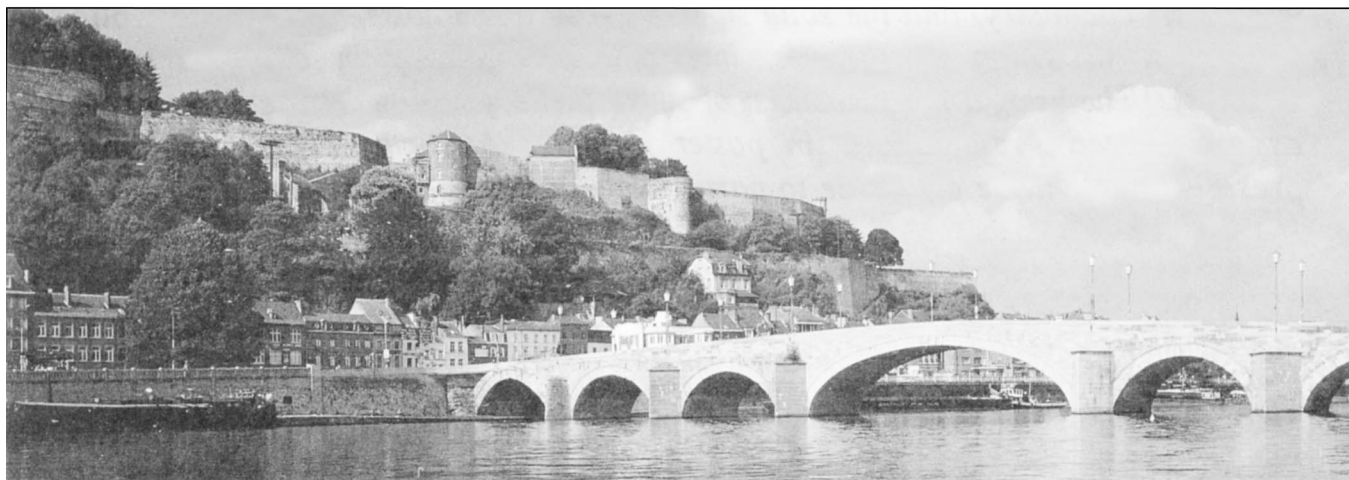
The Merck-Schuchardt Chair in Organic Synthesis:

The Merck-Schuchardt Chair is a one-day course on a specific topic in organic synthesis. A scientist, who has performed excellent work in this field, gives a seminar reviewing both his own research and results of other scientists. The Merck-Schuchardt Chair will be awarded every other year on the occasion of the "Belgian Organic Synthesis Symposium" (BOSS) and carries DM 10,000. The scientific committee of the BOSS selects the subject and nominates the lecturer. The chair will be moderated by a distinguished scientist. Merck-Schuchardt's intention is to create an institution providing the latest scientific knowledge in a special field of synthesis.

Dr. Paul Janssen Prize for Creativity in Organic Synthesis:

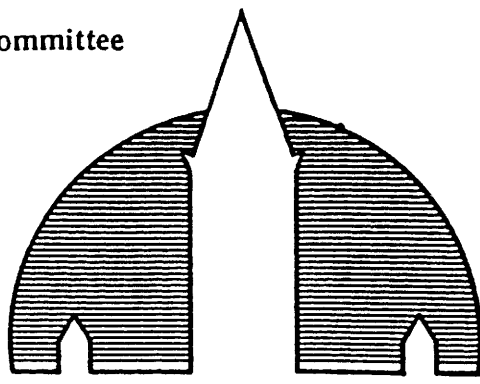
The Dr. Paul Janssen Prize for Creativity in Organic Synthesis will be awarded to an organic chemist by Janssen Chimica and the Janssen Research Foundation, on the occasion of the "Belgian Organic Synthesis Symposium". Nominations must be made on a form available from Dr. Marcel Janssen, Janssen Research Foundation, Turnhoutseweg 30, B-2340 Beerse, Belgium. Deadline for nominations: November 30, 1993. Rules for nominations are available at the above address. The prize consists of a medal, a citation as well as Ecu 7,500. The laureate will be announced in a special advertisement.

Jury: Prof. L. Ghosez (Chairman), Prof. H. Kagan, Prof. C. Szantay, Prof. M. Vandewalle, Prof. F. Arcamone, Prof. G. Pattenden, Prof. E. Winterfeldt, Dr. M. Janssen (Secretary)



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8th INTERNATIONAL
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The 8th International Symposium on Molecular Recognition and Inclusion will be held in Ottawa, Ontario, Canada from July 31 to August 5, 1994. For further information please contact Mrs. Huguette Morin-Dumais, Steacie Institute for Molecular Sciences, National Research Council Canada, 100 Sussex Drive, Ottawa, Ontario, Canada, K1A 0R6. Telephone: (613) 990-0936. FAX: (613) 954-5242, E-Mail: ISMRI@NED1.SIMS.NRC.CA.

The symposium will focus on the rapidly advancing field of supramolecular chemistry including all aspects of molecular recognition and inclusion. As part of the main symposium, a special "Lock and Key" symposium will be held to commemorate the 100th anniversary of Emil Fischer's seminal paper in which the lock and key analogy was first proposed. The symposium will focus on molecular recognition and will include all chemical and biological aspects (structure, catalysis, complex formation biomimetic reactions, self assembly, sensors, drug design, new and modified hosts). Additional areas to be covered include: physical methods and computation (advances and applications to molecular recognition and guest-host chemistry) and the solid state (new inclusion hosts, microporous solids, clathrates, inclusion compounds, intercalates, chemistry in confined spaces, clusters). The program will consist of 35-40 plenary and invited lectures as well as contributed presentations in poster format. Abstracts of oral and poster presentations will be available to participants in booklet form.