## **Information for Authors**

1. SUBMISSION OF MANUSCRIPTS. Four copies of the manuscript and a graphical abstract not larger than  $9.5 \times 4$  cm should be addressed to the Editor at the address given on the inside front cover or, for North American Authors, to Professor T. Hudlicky, North American Associate Editor, Department of Chemistry, Virginia Tech, Blacksburg, VA 24061-0212, USA. Receipt of the submission will be acknowledged and the paper will be given a reference number which should be quoted in all further correspondence. The text should be typed in double spacing on one side of the paper. The Author to whom correspondence and proofs should be addressed should be clearly indicated on the first page along with the full postal address and FAX number.

2. REFEREEING AND CONDITIONS OF ACCEPTANCE. Papers submitted will be reviewed by at least two referees, whose reports form the basis of the Editor's decision. Papers are accepted on the understanding that the work described is original and has not been published elsewhere and that the Author has obtained any necessary authorisation for publication of the material submitted. Authors are solely responsible for the factual accuracy of their contributions. There are no page charges.

**3.** COPYRIGHT. Upon acceptance of a paper, copyright is transferred entirely to the Society. Any reasonable request from an author to reproduce his own work, partly or wholly, elsewhere will not be refused.

4. NOMENCLATURE AND STYLE. IUPAC recommendations on nomenclature, symbolism and units are generally implemented and British spellings are used. Illustrated compound structures should be numbered sequentially with bold arabic numerals and pictorially represented chemical transformations should be designated as schemes. The term equation (eqn.) should be reserved for mathematical expressions. Figure captions and tables should be typed on separate sheets and placed at the end of the manuscript. Tables should be numbered sequentially and headed by a brief description of the content. Authors claiming new compounds should provide sufficient spectroscopic and physical data to establish the purity and identity of the compound. An exact molecular mass does not provide proof of homogeneity and should be supported by *e.g.* TLC or GLC evidence.

5. TITLE AND SUMMARY. Each article must have a concise and accurate title and be accompanied by a summary of 50–250 words. The summary should be sufficiently comprehensive to enable the selection of appropriate index terms for use by abstracting services.

6. ILLUSTRATIONS. Most displayed formulae are prepared in-house. However, the structures accompanying a manuscript should be carefully drawn on separate sheets and placed at the back. Illustrations can be submitted on disk provided the ChemDraw package is used. The preference settings are as follows: fixed length 0.7 cm, line width 0.025 cm, bold width 0.092 cm, hash spacing 0.099 cm, bond spacing 20% of length, font Helvetica 12 pt. Page set-up 60%. Figures of sufficient quality are reproduced directly and should be drawn with black ink on good quality white paper. Photocopies are not suitable.

7. **REFERENCES.** This section should contain only bibliographic references. Other details should be placed as footnotes in appropriate parts of the text. References take the form S. I. Zones, *J. Chem. Soc., Faraday Trans.*, 1991, **87**, 3709 (journal) and I. Fleming, *Frontier Orbitals and Organic Chemical Reactions*, Wiley, Chichester, 1978 (book).

8. ACKNOWLEDGEMENTS. These should be brief and relevant. Dedications are not permitted.

**9.** COMMUNICATIONS. This section is for rapid publication of preliminary results. Format and style as for full papers, except that the length should not exceed two printed pages (*ca.* seven manuscript pages). Written justification for urgent publication should be supplied with the manuscript on submission.

10. PROOFS. Two copies of the proofs are despatched to the author indicated on the manuscript. Alterations should be kept to a minimum.

11. **REPRINTS.** Fifty reprints are supplied free of charge. Additional copies may be purchased; the order form is despatched with the proof. Reprints with covers may be purchased at a small extra charge.

12. SUPPLEMENTARY MATERIAL. Material important, but not central, to an article may be deposited at the British Library by the Society following acceptance of the article for publication. A footnote to this effect is then placed in the text. Alternatively papers containing extensive experimental or numerical data can be published in the Synopsis and Full Text format in *Journal of Chemical Research*.

**13. CRYSTALLOGRAPHIC PAPERS.** Papers that are primarily crystallographic will not normally be accepted for publication. Papers where the chemistry is supported by a crystallographic determination should contain all the necessary data for the structure to be verified by a referee. All data, except for structure factors, are available from the Cambridge Crystallographic Data Centre.

14. MOLECULAR-MODELLING PAPERS. Authors describing molecular modelling should provide sufficient data to enable an objective evaluation by an independent assessor. Detailed guidelines may be found in *J. Med. Chem.*, 1988, **31**, 2230. Complete and detailed 'Instructions for Authors' are given in issue 1 of *Perkin Transactions 1* and 2.

# NEW & RECENT BOOKS FROM THE ROYAL SOCIETY OF CHEMISTRY

#### Ref No 971

### Molecular Biology and Biotechnology - 3rd Edition

Edited by J.M. Walker, University of Hertfordshire and E.B. Gingold, South Bank University

The 3rd Edition of this immensely popular textbook brings readers up to date with the latest advances in this rapidly developing field. It has been thoroughly revised and expanded, combining entirely new chapters on current hot topics with existing chapters that have been rewritten and extended. **Molecular Biology and Biotechnology** 3rd Edition provides real breadth of coverage, taking account of both molecular biology and industrial applications. It also gives in depth coverage of key areas, resulting in a uniquely comprehensive publication. Highlights of this 3rd Edition include increased coverage of the cloning of yeast and animal cells and plant genetic engineering, and new coverage of polymerase chain reactions, DNA fingerprinting, transgenesis and vaccine development, reflecting the rapid growth of interest in these areas.

Softcover	xviii + 428 pages	ISBN 0 85186 794 4	1993	Price £39.00
-----------	-------------------	--------------------	------	--------------

#### Ref No 1067

Experimental Toxicology: The Basic Issues - 2nd Edition

Edited by Diana Anderson, The British Industrial Biological Research Association and D.M. Conning, The British Nutrition Foundation

**Experimental Toxicology: The Basic Issues** 2nd Edition is an important text for undergraduates, post-graduates and professionals involved with, studying or teaching this often controversial subject.It addresses the basic issues concerned with the practice of experimental toxicology and discusses in detail the following topics: experimental design; biochemical issues; animal husbandry; species differences; immunological issues; carcinogenesis; reproductive approaches; statistics; genetics; in vitro and molecular approaches; risk assessment; information resources; aspects of legislation; good laboratory practice; and laboratory design. The book has been updated and revised to reflect the many changes that have taken place since the first edition was published five years ago and this 2nd Edition gives special attention to the extensive changes that have taken place in the areas of molecular, genetic and reproductive toxicology and in the knowledge regarding the multiplicity of enzymes involved in foreign compound metabolism.

Hardcover	xiv + 566 pages	ISBN 0 85186 451 1	1993	Price £85.00
Softcover		ISBN 0 85186 461 9	1993	Price £25.00

Ref No 987

#### **Chemistry and Light**

By Paul Suppan, University of Fribourg, Switzerland

This new text book provides a concise introduction to all aspects of light-induced processes in chemistry, physics and biology, as well as in medicine and industry. It is up to date with the latest advances in the field, in particular the probing of the fastest light-induced reactions on picosecond and femtosecond time-scales, and is based on the photochemistry and photophysics degree course devised by the author. **Chemistry and Light** is a must for final year undergraduates, as well as for post-graduate students.

Softcover	xiv + 296 pages	ISBN 0 85186 814 2	1994	Price £19.50
Ref No 1034 Further Advan	ces in Chemical Inforn	nation		
Edited by H. Collie	er, Infonortics Ltd., Calne, W	<i>(iltshire</i>		
comparison of diffe	erent services in the 2-D and	vers a number of interesting themes that re s in the chemical and pharmaceutical indu d 3-D search and modelling areas, rapid de series is now also well known for its techni	istries. Topics covered this	vo an in alcola d
Special Publication	n No. 142 Hardcover	ISBN 0 85186 545 3 viii + 192 pages	1994 Price £45.00	
Letchworth, Herts Telephone: +44 (0) Please quote your of Turpin Distribution <b>For information on</b> Sales and Promotio Thomas Graham H Telephone: +44 (0)	of Chemistry, Turpin Distribu SG6 1HN, United Kingdom. 462 672555. Fax: +44 (0) 4 credit card details. We can r Services Limited is wholly of <b>other books and journals p</b> on Department, The Royal Sc ouse, Science Park, Milton 1 223 420066. Fax: +44 (0) 2	62 480947. Telex: 825372. how accept Access/Visa/Mastercard/EuroCa howned by The Royal Society of Chemistry. <b>Iease contact:</b> poiety of Chemistry, Road, Cambridge CB4 4WF, United Kingdo 23 423429. E-mail: (Internet) RSC1@RSC.0	om	ROYAL SOCIETY OF <u>CHEMISTRY</u>
Details available fr	entitled to a discount on mo om: 5 Department at the Cambric	-		Information Services



Ø3ØØ-922X(1994)18;1-L