Information for Authors

1. SUBMISSION OF MANUSCRIPTS. Four copies of the manuscript should be addressed to the Editor at the address given on the inside front cover. 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.

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 the end-of-year index and 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 18 pt, line width 1 pt, bold width 2.5 pt, hash spacing 2.5 pt, bond spacing 20% of length, fount 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 are 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.

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. Non-hydrogen atom co-ordinates are published. All other 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. Co-sponsored by the American Chemical Society & The American Institute of Chemical Engineers

VITAL NEW COVERAGE OF NEW BIOTECHNOLOGY CONCEPTS



Basic science ... and the applications

Biotechnology Progress links you with information on the basic science and the applications of breakthroughs in molecular and cellular biology. Co-sponsored by the American Institute of Chemical Engineers and the American Chemical Society, the journal was started in 1985 by AIChE. **Biotechnology Progress** provides bimonthly coverage which includes research articles, notes, state-of-the-art reviews, and expert commentaries on concepts and trends in these areas:

- Bioseparations
- Bioconversion
- Bioreactor technology
 - Applied molecular biology
 - Bioanalysis
 - Formulation
- Product delivery
- Biocatalytic processes
- Applied biochemistry
- Bioinstrumentation
- Biomedical engineering

Editor

Jerome S. Schultz Center for Biotechnology & Bioengineering University of Pittsburgh 1132 Benedum Engineering Hall (412) 648-7956

Associate Editor, Reviews

M.C. Flickinger University of Minnesota

A sampling of articles

Alpha-Amylase Fermentation with <u>Bacillus Amyloliguefaciens</u> in an Aqueous Two-Phase System, K.-M. Park and N.S. Wang

Formation of Bioerodible Polymeric Microspheres and Microparticles by Rapid Expansion of Supercritical Solutions, J.W. Tom and P.G. Debenedetti

Metabolic Activity Control of the L-Lysinc Fermentation by Restrained Growth Fed-Batch Strategies, R.D. Kiss and G. Stephanopoulos

Intracellular Ice Formation During Freezing of Hepatocytes Cultured in a Double Gel, A. Hubel, M. Toner, E.G. Cravalho, M.L. Yarmush, and R.G. Tompkins

Cell Death in the Thin Films of Bursting Bubbles, R.S. Cherry and C.T. Hulle

Antibody-Targeted Photolysis: <u>In Vitro</u> Immunological, Photophysical, and Cytotoxic Properties of Monoclonal Antibody-Dextran-Sn(IV) Chlorin c6 Immunoconjugates, S. L. Rakestraw, W.E. Ford, R.G. Tompkins, M.A.J. Rodgers, W.P. Thorpe, and M.L. Yarmush

<u>1992 Rates</u>	ACS/AIChE <u>Members*</u>	Nonmembers	*Member rate is for personal use only. **Air service included. Subscriptions run January through December,
U.S.	\$ 30	\$ 289	For nonmember rates in Japan, contact Maruzen Co., Ltd.
Canada & Mexico	\$ 38	\$ 297	<u>Biotechnology Progress</u> is available on microfilm and
Europe**	\$ 47	\$ 306	microfiche and online through CJACS on STN
All Other Countries**	\$ 53	\$ 312	International.

All others

Call 1-800-333-9511 (U.S. only) (614) 447-3776 (outside the U.S.) FAX: (614) 447-3671

AIChE Members

Please order through AIChE at (212) 705-7663

American Chemical Society, 1155 Sixteenth Street, NW, Washington, D.C. 20036, USA

