

## Guide for Authors

### 1. Scope

The journal is an international forum devoted to research and developments in the applications of whole-cell and cell-free enzymes as catalysts in organic synthesis. Emphasis is focused on mechanistic and synthetic aspects of the biocatalytic transformation.

Papers deal with the following topics;

- Industrial applications of enzymatic processes, e.g. in fine chemical synthesis;
- Chemo-, regio- and enantioselective transformations;
- Screening for biocatalysts;
- Integration of biocatalytic and chemical steps in organic syntheses;
- Novel biocatalysts, e.g. enzymes for extremophiles and catalytic antibodies;
- Enzyme immobilization and stabilization, particularly in non-conventional media;
- Bioprocess engineering aspects, e.g. membrane bioreactors;
- Improvement of catalytic performance of enzymes, e.g. by protein engineering or chemical modification;
- Structural studies, including computer simulation, relating to substrate specificity and reaction selectivity;
- Biomimetic studies related to enzymatic transformations.

### 2. Types of contributions

There are three types:

1. *Full-length*, or regular papers describing original research work not previously published.

2. *Reviews* of specialized topics within the scope of the Journal (prospective authors should obtain preliminary approval from an Editor before preparing such an article); short reviews on enzymatic processes will be considered.

3. *Letters* reporting results which should be made rapidly available to other researchers in the field. They should consist of concise descriptions or brief reports of investigations. They may be completely documented (description of experimental procedure, reference to literature, etc.). Letters will be considered for publication only if they report on new reactions, catalysts or mechanisms, and are a maximum of 4 printed pages in length. The authors are requested to indicate, in a covering letter, the reasons which justify the publication of their results as a Letter.

### 3. Preparation of papers

The language of the Journal is English. For initial submission of manuscripts for consideration, *one original* and *two copies* should be submitted. For the processing of *accepted papers*, electronic versions are preferred. After *final acceptance*, your disk plus one final and exactly matching printed version should be submitted together. Double density (DD) or high density (HD) diskettes (3.5 or 5.25 inch) are acceptable. It is important that the file saved is in the native format of the wordprocessor program used. Label the disk with the name of the computer and wordprocessing package used, your name, and the name of the file on the disk.

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tries using this system. Indicate to whom proofs should be sent and please include the relevant telephone, fax and e-mail numbers.

*Abstract* (100–200 words) and *five relevant keywords*.

*Introduction*. Statement of the problem. Outline of the paper and important findings.

*Theory* (if any).

*Experimental* (if any).

*Results and discussion*.

*Conclusions*.

*Acknowledgements* (if any).

*References*. Number consecutively inside square brackets [ ] with one entry per reference number throughout the text and supply a separate reference list.

In the text the authors' names are given without initials. When reference is made to a publication written by more than two authors, it is preferable to give only the first author's name in the text followed by "et al.", or the senior author's name followed by "and co-workers". In the list of references the names and initials of all authors must be given. In the reference list, periodicals [1], books [2], multi-author books [3] and proceedings [4] should be cited in accordance with the following examples:

- [1] M.S. Jarrell, B.C. Gates, E.D. Nicholson, J. Am. Chem. Soc. 100 (1978) 5727.
- [2] L.R. Snyder, Principles of Adsorption Chromatography, Marcel Dekker, New York, 1968, p. 201.
- [3] R.D. Marshall, A. Neuberger, in: A. Gottschalk (Ed.), Glycoproteins, Vol. 5, Part A, 2nd ed., Elsevier, Amsterdam, 1972, Chap. 3, p. 215.
- [4] G.C. Bond, P.B. Wells, Proc. 4th Int. Symp. Scientific Bases for the Preparation of Heterogeneous Catalysts, Louvain-la-Neuve, 1–4 September 1986, paper No. 2.

Abbreviations for the title of journals should follow the system used by Chemicals Abstracts Service Source Index, and supplements.

Articles not yet published should be indicated in the reference list as "in press", "submitted for publication" or "in preparation". When "in press" or "submitted for publication" the journal title should be given. Results not yet published should be indicated as "unpublished results" or "personal communica-

tion", preceded by the name of the person supplying the information, and preferably also giving the year.

*Tables*. Number consecutively and type on a numbered, separate page. Please use Arabic numerals and supply a heading. Add units to the column headings.

*Illustrations*. Number consecutively with Arabic numerals. Please supply one original suitable for direct reproduction and two additional copies. Number all figures on the front and all photos on the back and add the author's name. Indicate the top of all photographs and figures when there may be doubt. All photographs must be glossy prints. Supply a list of captions on a separate page. Size figures for a two- or three-fold reduction. If structures are given in the text, original drawings should be provided. Colour illustrations can be reproduced at the author's expense.

*Nomenclature, symbols and abbreviations*. Only widely accepted symbols and forms of abbreviation should be used. If there is any doubt about a particular symbol or abbreviation, the full expression followed by the abbreviation should be given the first time it appears in the text. Abbreviations used in Tables and Figures should be explained in the legends. In general, the recommendations of the International Union of Pure and Applied Chemistry (IUPAC) should be followed, and SI units should be used or SI equivalents of other units used should be given.

Computer print-outs of data received by recording instruments will not in general be published but an indication may be given in the article where the auxiliary data are available.

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#### 4. Submission

Manuscripts may be submitted to the Editor-in-Chief or to one of the Editors:

**Prof. R.A. Sheldon**, Department of Organic Chemistry and Catalysis, Faculty of Chemical Technology & Materials Science, Delft University of Technology, Julianalaan 136, 2628 BL Delft, The Netherlands. Fax: 31 (15) 278-1415. E-mail: r.a.sheldon@stm.tudelft.nl

**Prof. Y. Asano**, Biotechnology Research Center, Toyama Prefectural University, 5180 Kurokawa, Kosugi, Toyama 939-0398, Japan. Fax: +81 (766) 562498. E-mail: asano@pu-toyama.ac.jp

**Dr. D.R. Dodds**, Enzyme Development, Bristol-Myers Squibb Co., P.O. Box 4755, Syracuse, NY 13221-4755, USA. Fax: +1 (315) 4322330. E-mail: david.dodds@bms.com

## 5. Copyright regulations

Upon acceptance of an article by the Journal, the author(s) will be asked to transfer the copyright of the article to the publisher. This transfer will ensure the

widest possible dissemination of information under international copyright legislation.

## 6. Proofs and offprints

The accepted article will be regarded as final and the files will be processed as such. Proofs are for checking typesetting/editing: only printer's errors may be corrected. No changes in, or additions to the edited manuscript will be accepted. Fifty offprints of each paper will be supplied free of charge to the author. Additional offprints can be ordered at prices shown on the offprint order form which will be sent to the author upon receipt of the accepted manuscript by the publisher.

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