

NOTES FOR CONTRIBUTORS

Submission of Contributions

Full-length papers, Short Communications, and Rapid Communications should be sent to a Regional Editor: addresses are given inside the front cover. Papers from the Americas should be sent to Professor A. C. Sartorelli, papers from Europe to Professor J. E. Gielen and papers from the rest of the world to either the American or European office. Commentaries are normally solicited by Professor H. R. Behrman, but suggestions from readers of topics and authors will be welcome. When readers suggest topics, they will normally be asked to submit a brief outline of the proposed Commentary for review. A decision to commission the Commentary will be made as rapidly as possible after receipt of these outlines.

The Editors welcome submission by the authors of the names, addresses, telephone and FAX numbers, and E-mail addresses (if available) of 5 or 6 individuals who could, in their opinion, expertly review their submitted manuscript. The Editors, of course, reserve the right to use reviewers of their choice. An assurance should be given that the material has not been published or submitted elsewhere.

Form of Contributions

All papers should be submitted in English with an abstract summarizing briefly the essential contents. (For further details on the format of the abstract, see next column.) An original and three copies of the manuscript (including figure captions and references) should be sent, and text should be typed on one side of the paper, double-spaced and with margins. The form generally accepted by learned societies should be followed: Abstract, Introduction, Materials and Methods, Results and Discussion. Manuscripts must be accompanied by copies of all relevant articles that are cited as in press or under consideration by another journal.

In the case of *Short Communications* or *Rapid Communications*, sections may be combined, e.g. Materials and Methods and Results or Results and Discussion. Short Communications and Rapid Communications should be no more than 8 double-spaced typed pages including tables and figures.

Commentaries are short research editorials that should be between 3000 and 5000 words in length (12–20 typewritten pages, double-spaced). An abstract must be included; details are given below.

For abstracting purposes, please include the first name of each author of a paper to be published in the Journal. In addition, 6 keywords or short phrases should be added at the bottom of the abstract page to assist in indexing the article and which may be published with the Abstract. Use terms from the Subject Headings from *Index Medicus* when possible. The original manuscript and diagrams will be discarded 1 month after publication unless the publisher is requested to return original material to the author. Contributors are requested to indicate clearly on the title page of the manuscript the name, mailing address, telephone number, FAX number, and E-mail address, if available, of the author to whom proofs and correspondence should be sent.

Computer Disks

Authors are required to submit a 3.5" HD/DD computer disk to the editorial office. Please observe the following criteria: 1. Send only hard copy when first submitting your paper. 2. When your paper has been refereed, revised if necessary, and accepted, send a disk containing the final version with the final hard copy. Make sure that the disk and

the hard copy match exactly. 3. Specify what software was used, including which release, e.g. WordPerfect 6.0a. 4. Specify what computer was used (IBM compatible PC or Apple Macintosh, etc.). 5. The article file should include all textual material (text, references, tables, figure captions, etc.) and separate illustration files, if available. 6. The file should follow the general instructions on style/arrangement and, in particular, the reference style of this journal as given in the Notes for Contributors. 7. The file should be double-spaced and should use the wrap-around end-of-line feature, i.e. *returns at the end of paragraphs only*. Place two returns after every element such as title, headings, paragraphs, figure and table call-outs. 8. Keep a backup disk for reference and safety.

Classification

Authors are requested to classify their papers at the time of submission in one of the following categories:

- (1) Molecular and Cellular Pharmacology
- (2) Chemotherapy and Metabolic Inhibitors
- (3) Neuroscience
- (4) Hormones and Growth Factors
- (5) Gene Expression and Development
- (6) Structural Biology
- (7) Inflammation and Immunopharmacology
- (8) Cardiovascular and Pulmonary Pharmacology
- (9) Gastrointestinal and Renal Pharmacology

The category chosen should be listed on the title page. Commentaries will continue to be listed in a separate category.

Abstracts

Research Papers and Rapid and Short Communications. The abstract, which must be a maximum of 250 words in length, should contain (a) a clear statement of the aims of the study or hypothesis that the study is designed to test, (b) a short summary of the major methodological approach, (c) a detailed summary, including wherever possible numerical and statistical data, of the results, and (d) a one- or two-sentence statement of the major conclusions of the research.

Commentaries. All commentaries must be accompanied by an abstract, which should be a maximum of 250 words in length and contain (a) a clear statement of the aim of the commentary, (b) a summary of the major points of information contained within the commentary, and (c) a one- or two-sentence statement of the major conclusions arising from the commentary.

Authors are reminded that the title and abstract of their manuscript are extracted in isolation by commercial abstracting services and, therefore, should contain all important information presented within the manuscript.

Proofs and Reprints

A reprint order form will be supplied with page proofs sent to the authors for checking. Any corrections to proofs must be restricted to printer's errors: other than these, substantial changes at this stage may be charged to the author.

Nomenclature and Abbreviations

Where possible, nomenclature and abbreviations should be in accord with internationally agreed rules. When an enzyme or compound is first mentioned in the text, specification by its code number accompanied by its systematic name (as distinct from its trivial name) is requested by the Editors, but not checked for correctness. Official names of drugs are preferred to trade names. If trade names are used, they should

be capitalized and the trademark included. When listing the source from which a compound is obtained, give only the name (not the location) of the company.

It is necessary that the abbreviations used in the main text should be defined in a footnote on the title page of the article. Abbreviations used in the Abstract must be defined within the Abstract as this must be comprehensible without consulting the main text. Abbreviations, including internationally accepted biochemical abbreviations, that can be used without definition, except in titles, can be found in issues 1 and 7 of each volume.

The mass of a biochemical entity should be specified as either relative molecular mass (M_r , not molecular weight) or as molecular mass (expressed in kDa). M_r should not be expressed in daltons. Use either M_r or kDa consistently throughout a paper.

The source of the cell lines employed in studies should be indicated, as well as information on the quality control of the lines employed in the investigations.

Temperatures denoted by an unqualified degree symbol ° are assumed to be Centigrade. For solution strengths, percentages should be expressed by the sign %, followed in cases of ambiguity by w/w, w/v or v/v [e.g. 5% (w/v) means 5 g/100 mL]. In spectrophotometry, extinction (E) should be used, rather than optical density.

Statements with regard to statistical significance should be accompanied by probability values derived from appropriate statistical tests.

The following sources give useful guidance on the preparation of manuscripts:

1. Suggestions and Instructions to Authors, *Biochem J* **329**: 1–16, 1998. It is particularly requested that authors follow the instructions on isotopically labeled compounds.
2. Terminology and Abbreviations, *J Biol Chem* **269**: 777–785, 1994.
3. International Union of Biochemistry, *Enzyme Nomenclature*. Academic Press, 1992.
4. CBE Style Manual Committee, *Scientific Style and Format: The CBE Manual for Authors, Editors, and Publishers*, 6th Ed., Council of Biology Editors, Inc., Chicago, IL 60603.

Reproduction of Line Drawings

These should normally be about twice the final size required. They should be separate from the typescript with captions typed together on a separate sheet. Illustrations should not be pasted onto sheets of paper.

Line drawings and figures showing mechanisms or complete chemical formula can also be reproduced in color.

Panels of individual figures should be labeled A, B, C, etc., if referred to as such in the text.

Reproduction of Black and White Photographs

These should be presented in the form of good quality glossy prints.

Reproduction of Color Photographs

Color photographs, such as histochemical sections can be reproduced in color, but a charge relating to the reproduction of material in color may be assessed. An estimate of any charge can be obtained from the publishers.

Tables

Authors are asked to keep tabular matter to a minimum. Each table and every column should be provided with an explanatory heading, with units of measure clearly indicated. The same data should not be reproduced in both tables and figures. Footnotes to a table should be indicated by superscript letters; P values should be indicated by asterisks. Tables and illustrations should be completely intelligible without reference to the text.

References

References should be numbered consecutively in square brackets in the text, the full reference being cited in a numbered list at the end of the paper. References should contain the names and initials of *all* the authors of each paper, together with the full title of the paper, the abbreviated journal title, the year, the volume number, and the first and last page numbers. Formatting samples are given below:

Journal

- [1] Reiter R, Burk RF. Effect of oxygen tension on the generation of alkanes and malondialdehyde by peroxidizing rat liver microsomes. *Biochem Pharmacol* 1987;36:925–9.

Book

- [2] Winer BJ. *Statistical principles in experimental design*. New York: McGraw-Hill, 1971.

Chapter in a book

- [3] Shatkin AJ. Colorimetric reactions for DNA, RNA, and protein determinations. In: Habel K, Salzman NP, editors. *Fundamental techniques in virology*. New York: Academic Press, 1969. p. 231–7.

Symposium proceedings

- [4] Wefers H, Sies H. Generation of photoemissive species during quinone redox cycling. In: Alexander P, editor. *Bioreduction in the Activation of Drugs, Proceedings of the Second Biochemical Pharmacology Symposium*, Oxford, UK, 25–26 July 1985. Oxford: Pergamon Press, 1986. p. 22–4.

The titles of journals should be abbreviated in accordance with *Index Medicus*.

Footnotes

Footnotes, as distinct from literature references, should be indicated by superscript arabic numerals: ¹, ², ³, numbered continuously throughout text. They should not be included in the numbered reference system. Footnotes should be used for references to unpublished work (including work submitted for publication), personal communications (the wording of the quoted material should be verified with the person who supplied the information, and a letter of permission to use this material must be obtained from the source and submitted), proprietary names of trademarked drugs and other material not appropriately referred to in the text or in the numbered reference list, but should be kept to a minimum. Symbols indicating author affiliations, should be superscript letters: ^a, ^b, ^c, with an asterisk to indicate the corresponding author of the manuscript.