Biochemical Pharmacology

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AIMS

THIS international journal is devoted to research into the development of biologically active substances, and into their mode of action at sub-cellular and biochemical levels.

Reports on studies of all types of cells (plant, microorganism, and animal) are published, in which emphasis is placed on biochemical pharmacology, including chemotherapy. It is hoped to stimulate research by collecting together in one publication investigations from different fields having fundamental problems in common.

In addition to printing original research papers, the journal offers immediate publication for Short Communications. Comment on previous articles, in the form of Letters to the Editors, will also be accepted when the Editors consider the contribution warranted. Selected Book Reviews are also published.

Full length papers will be published within about four months, and short communications within six to eight weeks after final acceptance of the manuscripts.

From time to time critical summaries will be published of the proceedings of Conferences and Symposia held on topics related to the biochemical aspects of pharmacology. Suggestions for conferences to be reported are most welcome, and should be addressed to the Regional Editors. It is hoped to publish such reports within about three months of the meeting.

The contents of papers shall be the sole responsibility of the authors, and publication shall not imply the concurrence of the editors or publisher.

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AUTHOR INDEX

NOTES FOR CONTRIBUTORS

Submission of Contributions

Original contributions should be sent direct to the Regional Editors: those from the American Continent should be addressed to Prof. N. J. GIARMAN; those from the European Continent to Prof. M. WELSCH; and those from the United Kingdom to Dr. P. ALEXANDER: authors from other countries may apply to any of these Editors.

Form of Contributions

Papers may be submitted in English, French, or German, in each case with an Abstract in English. The manuscript (including figure captions and references) should be sent in duplicate, and it must be typewritten with lines double-spaced. The form generally accepted by learned societies should be followed with an Abstract, Introduction, Experimental section, Results, Discussion, and Summary: these sections may be combined, e.g., Experimental and Results, or Results and Discussion.

Abstracts and Summaries

The Abstract to each paper will be published in English, and will briefly summarize the essential contents. In addition, when the original paper is in French or German, a Summary in that language should appear at the end of the article.

Proofs and Reprints

Fifty free reprints will be provided, and additional reprints may be purchased at reasonable cost. A reprint order form will be supplied with the page proofs that are sent to the authors for correction.

Nomenclature and Abbreviations

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

The following abbreviations may be used without definition, except in titles: CoA (for coenzyme A), EDTA, Tris (for 2-amino-2-hydroxymethylpropane-1:3-diol), DNA, RNA, FAD, NAD (*not* DPN, for nicotina mideadenine dinucleotide), NADP (*not* TPN). Accepted abbreviations may be used for 5′-ribonucleotides (GMP, IDP, UTP, etc), and for 5′-deoxyribonucleotides (dAMP, dCDP, TTP, etc.).

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.

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

"Suggestions and Instructions to Authors," *Biochem. J.* **82**, 1 (1962), reprints of which may be purchased;

"T.U.P.A.C. Tentative Rules: Abbreviations and Symbols for Chemical Names of Special Interest in Biological Chemistry," in *Report of the Commission on Enzymes* (I.U.B. Symposium), Pergamon Press, London (1961).

"Style Manual for Biological Journals," American Institute of Biological Sciences, 2000 P Street, NW, Washington 6, D.C.

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Illustrations for reproduction should normally be about twice the final size required.They should be separate from the typescript with captions typed together on a separate sheet. Particular care is taken with the reproduction of photographs, and good quality originals should be provided. If line diagrams are well drawn, without weak lines, it may be possible to reproduce from them directly, or from clear photoprints. Figures for redrawing should contain all relevant details, with clear instructions for the draughtsman. The following standard symbols should be used on all line diagrams:

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Tables should be completely intelligible without reference to the text. 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.

References

References are made by consecutive superior numbers in the text, the full reference being cited in a numbered list at the end of the paper. References should contain the names and intials of *all* the authors of each paper, together with the abbreviated journal title, the volume number, first page number, and the year, as follows:

1. I. B. WILSON, F. BERGMAN and D. NACHMANSOHN, *J. biol. Chem.* **186**, 693 (1950).

2. S. T. YOFFE and A. N. NESMEYANOV, *Handbook of Magnesium-Organic Compounds*, p. 380. Pergamon Press, London (1956).

The titles of journals should be abbreviated in accordance with *The World List of Scientific Periodicals*.

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Footnotes, as distinct from literature references, should be indicated by the following symbols: *, †, ‡, §, starting afresh on each page. They should not be included in the numbered reference system. Footnotes should be used for references to unpublished work, personal communications, proprietary names of trade-marked drugs, and other material not appropriately referred to in the text or in the numbered reference list.