

KMGC International Journal of Biochemistry

Instructions to Authors

The **KMGC International Journal of Biochemistry** publishes the results of original research in the fields of **Biochemistry, Molecular Biology, Cell, and Biotechnology**, written in English, in the form of **Regular Papers or Rapid Communications**. The Journal also publishes **short reviews (JB Review) and papers solicited by the Editorial Board**.

Preparing your manuscript:

I. General Information

Article Types

Regular Papers: Full-length research articles that contain original and novel findings that offer substantial contributions to biochemical sciences.

Fields to be selected:

- 1. Biochemistry and Molecular Biology**
- 2. Cell and Biotechnology**

Topics to be selected:

1. Biochemistry and Molecular Biology

Biochemistry General; Protein Structure; Protein Interaction and Recognition; Biomolecular Structures; Nucleic Acid and Peptide Biochemistry; Glycobiology and Carbohydrate Biochemistry; Lipid Biochemistry; Enzymology; Enzyme Inhibitors; Biochemistry of Proteolysis; Metabolism and Bioenergetics; Reactive Oxygen and Nitrogen Species; Biochemistry in Cell Membranes; Biochemistry in Diseases and Aging; Neurochemistry; Immuno-chemistry; Physiological Chemistry; Biochemical Pharmacology; Analytical Biochemistry.

Molecular Biology General; Genes and Other Genetic Materials; Replication and Recombination; Gene Expression; Protein Synthesis; DNA-Protein Interaction; RNA Processing; Genetic Engineering; Genetic Diseases; Molecular Genetics; Molecular Evolution; Bioinformatics

2. Cell and Biotechnology

Cell General; Biomembranes, Organelles, and Protein Sorting; Muscles; Cytoskeletons, Cell Motility, and Cell Shape; Extracellular Matrices and Cell Adhesion Molecules; Cell Cycle;

Receptors and Signal Transduction; Stress Proteins and Molecular Chaperones; Cell Death; Differentiation, Development, and Aging; Neurobiology; Tumor and Immunology

Biotechnology General; Biomimetic Chemistry; Biomaterials; Bioactive Substances; Synthetic Peptides and Oligonucleotides; Gene and Protein Engineering; RNA Technology; Glycotechnology; Immunological Engineering; Cell and Tissue Engineering; Transgenic Technology; Gene Delivery Systems; Drug Delivery Systems; Biosensor and Bioelectronics; New Devices in Biotechnology; Environmental Technology

II. Review Process

Manuscripts will be sent to **at least two referees for evaluation.**

Please check your manuscript against the following checkpoints before submitting it to the **KMGC International Journal of Biochemistry.**

1. Is the subject suitable for publication in the **KMGC International Journal of Biochemistry?**
2. Is it an original contribution?
3. Is it a complete and final paper?
4. Is it clearly presented?
5. Are the summary and title informative? Do they reflect the contents of the paper?
6. Are the appropriate key words given?
7. Does the introduction contain statements sufficient to explain the aim of the work?
8. Are the methods sound?
9. Are the results relevant and sufficient?
10. Are the illustrations and tables necessary and acceptable?
11. Are the interpretations and conclusions justified by the data?
12. Are the references adequate; are all of them necessary? Does the list of references contain all the information?

III. Form and Style of Manuscript

1. **There is no definitive length** set for a **Regular Paper (5 to 12 pages).**

Manuscripts should conform to the style and usage of the journal as demonstrated in current issues.

They should be typed on A4 form (21×29.7 cm or 21.6×28 cm)

with double-spacing throughout.

Text should be double spaced, with font size between 10.5 to 11, and saved as a .DOC, or .RTF file.

Separate pages should be used for the following:

- (1) Title page(s),
- (2) Summary,
- (3) Text,
- (4) Footnote (s) to the text,
- (5) References,
- (6) Table (s),
- (7) Legend to figure (s),
- (8) Figures or other subsidiary matters,
- (9) Supplementary data (if any),
- (10) Declaration of Funding and Conflict of Interest.

The manuscripts should be arranged in the order indicated above and all pages should be numbered in succession, except the figure(s), the title page being page 1. Indicate the appropriate location in the text of the tables, figures, and other subsidiary materials by marginal notes. Latin words should be italicized (for example: *in vitro*, *i.e.*, *etc.*, *per se*). Footnote(s) to the author's name(s) and affiliation(s) should appear on the title page. All footnotes should be numbered in succession with superscript, Arabic numerals, starting from the title page footnote(s). Footnotes to tables should be identified with superscript lower case (a, b, etc.), and placed at the bottom of the table. Acknowledgements (if any) should appear after the main text, and before the References. It is advised that authors note any conflict of interest in this section.

IV. Organization of Manuscript

A desirable plan for the organization of regular

is as follows:

- (A) Title Page(S),
- (B) Abstract,
- (C) Introduction With No Heading,
- (D) Experimental Procedures Or Materials And Methods,
- (E) Results,
- (F) Discussion,
- (G) References.

1. Title Page(s)

Provide a title page(s), containing the following items.

1. The form of the paper (Regular Paper). The field and topic under which the paper is to be reviewed.
2. Title. The title should be informative and as short as possible without compromising on clarity. The title should not include chemical formulae or arbitrary abbreviations, but chemical symbols may be used to indicate the structures of isotopically labelled compounds. The numbering of parts in a series of papers is not permitted, but titles and subtitles may be used if necessary.

2. Abstract

1. **Every paper should have an abstract. The abstract should be written in less than 200 words and should briefly present the problem.** suggest the scope of the work and the plan of experiments, mention significant data, and state major findings and conclusions. Avoid statements such as “The significance of these results is discussed” that do not help the reader. The abstract should be intelligible to the non-specialist as well as the specialist in your field, and hence should avoid specialized terms and abbreviations.
2. **Key words:** Provide five key words identifying the nature of the subject matter, alphabetically in the last part of the summary.

3. Introduction

The text should begin with a short introduction with no heading. This should state the reasons for performing the work, with brief reference to previous work on the subject. Avoid giving an extensive review of the literature.

4. Methods, Results, and Discussion

The arrangement of the paper after the introduction is not fixed. The author may separate sections with italicized subheadings.

The Experimental Procedures or Materials and Methods should give sufficient detail to enable the reader to repeat your work exactly, if necessary. The necessity for conciseness should not lead to omission of important experimental details. Refer to previously published procedures employed by citation of both the original description and pertinent published modifications, and do not include extensive description unless they present substantially new modifications. Combination of the Results and Discussion in a single section sometimes gives a clearer and more compact presentation.

5. References

References cited in the text should be **author name with year of publication**

(Eg. Sanger, et al., 1977) in order of appearance in the **introduction, materials and methods, results and discussion.**

Please note the following examples.

1. **For a journal article:**
Sanger, F., Nicklen, S., and Coulson, A.R. (1977) DNA sequencing with chain-terminating inhibitors. 7. Proc. Natl. Acad. Sci. USA 74 , 5463–5467
2. **For a chapter in an edited book:**
Messing, J. (1983) New M13 vectors for cloning in 12. Methods in Enzymology (Wu, R., Grossman, L., and Moldave, K., eds.) Vol. 101, pp. 20–51, Academic Press, New York
3. **For a book by one or more authors:**
Sambrook, J., Fritsch, E.F., and Maniatis, T. (1989) 15. Molecular Cloning. A Laboratory Manual pp. 1339–1341, Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY

6. Figure Legends

Figure legends should be prepared for each figure. There should be sufficient experimental detail in the legend to make the figure intelligible without reference to the text (unless the same material has been given with a previous figure, or in the Experimental Procedures section).

V. Preparation of Tables

1. Tables should be drawn on separate pages and numbered consecutively in Roman numerals. For aid in designing tables in an acceptable style, refer to current issues of the journal.
2. Tables must be submitted as .DOC, .RTF, Excel or Power Point files.

VI. Preparation of Illustrations

1. Each figure (Scheme, Diagram) should be given on a separate file numbered with an Arabic numeral (Fig. 1, Fig. 2, etc.). Figures will be reduced to fit into the type area of the printed page (17.5 x 23.5 cm).
2. Indicate the magnification of photomicrographs in the legend or include a bar indicating the scale in the figure.
3. Flow diagrams and amino acid or nucleotide sequences should always be presented as direct photographic reproduction.
4. Figures must be submitted as .DOC, .EPS, .JPG, .PPT, .TIF, .PDF or .GIF.

VII. Colour Illustrations

The Journal of Biochemistry offers authors a Flexible Color Option. All figures submitted to the journal in colour will be published in colour online at no cost (unless the author specifically requests that their figures be in black and white online).

X. Author Responsibility

In scientific investigations involving human subjects, experiments should be performed in accordance with the ethical standards formulated in the Helsinki Declaration of 1964 (revised in 1989, cf. <http://ohsr.od.nih.gov/>). Similarly, animal experiments should follow the ethical standards formulated in the Helsinki Declaration, and measures taken to protect animals from pain or discomfort should be mentioned. All authors must read and sign the Authors' Responsibility and Conflict of Interest Form. This form can be downloaded.

Authorship:

All persons designated as authors should qualify for authorship. The entitlement to authorship should be based on all of the following criteria: (1) substantial contributions to conceptions and

design, execution or analysis and interpretation of data; (2) drafting the article or revising it for important intellectual content; (3) final approval of the version to be published. Acquisition of funding, collection of data, or general supervision of the research group alone, does not justify authorship. All contributors who do not meet the criteria for authorship should be listed in the Acknowledgements. The order of authorship should be a joint decision between the co-authors. Each author should have participated sufficiently in the work to take public responsibility for the whole or part of the content.

The submitting author must agree that the order of authorship has been confirmed by all authors when submitting a manuscript, and upload the signed Authors' Responsibility and Conflict of Interest form along with the other manuscript files.

For more details on Authorship: International Committee of Medical Journal Editors' (ICMJE) Uniform Requirements for Manuscripts Submitted to Biomedical Journals

Author Self-Archiving Policy:

Authors are allowed to deposit un-refereed author versions of their paper in community pre-print servers such as bioRxiv.org, provided that entries are updated, if appropriate, to acknowledge that the article has been accepted/published by Journal of Biochemistry. For more details of our self-archiving policy, please visit our [Author Self-Archiving policy page](#). If the paper has been deposited in a pre-print server, the authors are requested to mention this in their Cover Letter. Authors should contact the editorial office if they are in any doubt prior to submission. (More details are given below in Further Information on managing pre-prints after publication.)

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When considering whether you should declare a conflicting interest or connection please consider the conflict of interest test: Is there any arrangement that would embarrass you or any of your co-authors if it was to emerge after publication and you had not declared it?

As an integral part of the online submission process, corresponding authors are required to confirm whether they or their co-authors have any conflicts of interest to declare, and to provide details of these.

When submitting a manuscript, the corresponding author is required to submit a completed [Authors' Responsibility and Conflict of Interest form](#) via the submission site along with the other manuscript files.

Funding:

Details of all funding sources for the work in question should be given in a separate section entitled 'Funding'. This should appear before the 'Acknowledgements' section.

XI. Scientific Misconduct

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