

Guidelines for Authors

Editorial policy and general information

Journal of Innovation in Applied Research (JIAR) is a multidisciplinary, a peer-reviewed journal that publishes "innovative and applied research" in the field of Biotechnology, Genetic Engineering, Genetics, Microbiology, Microbial Technology, Computational Biology and Bioinformatics, Pharmaceutical Sciences and biotechnology, Industrial processing, and biotechnology, Agriculture biotechnology and microbiology, Nanotechnology applications in biological and pharmaceutical sciences, Biomedical engineering, Food and Dairy Microbiology, Environmental biotechnology and Data science applications.

JIAR seeks to publish high-quality papers that describe significant and novel findings, advance knowledge in a diversity of scientific fields in the form of original articles, short communications, reviews, case reports, or letters to the editor. JIAR generally accepts 33-35% of papers for publication that are submitted

Review process

Manuscripts will be evaluated on the basis that they present new approaches into the investigated topic and are probable to contribute to a research progress or a change in clinical practice. It is understood that all authors listed on a manuscript have agreed to its submission. The signature of the corresponding author on the letter of submission signifies that these conditions have been fulfilled. Received manuscripts will initially be examined by the JIAR editorial office and those thought to have insufficient grounds for publication may be rejected without external evaluation. Manuscripts not prepared in the recommended style described in Research Review Article Template will be sent back to authors for correction. The authors will be notified with the reference number, once the manuscript has been assigned to an Associate Editor. The assigned manuscripts will be sent to 2-3 independent experts for scientific assessment. The assessment process commonly takes an average of 1-3 months.

Permissions

Authors wishing to include figures, tables, or text that have already been published elsewhere will be required to obtain permission from the copyright owner(s) for both the print and online format and to include evidence that such permission has been granted when submitting their papers. Any received material lacking such evidence will be assumed to originate from the authors.

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Articles types

JIAR seeks to publish experimental and theoretical research results of outstanding significance in the form of original articles, short communications, reviews, case reports, or letters to the editor.

Original articles: Articles that represent in-depth research in various scientific disciplines.

Short communications: Should be complete manuscripts of significant importance. However, their length and/or depth do not justify a full-length paper. The total number of figures should not exceed 6 whereas a total number of tables should not exceed 2. The number of words should be = 3,000

Review articles: Should normally comprise less than 10,000 words; contain unstructured abstract and includes up-to-date references. Meta-analyses are considered as reviews. Special attention will be paid to the teaching value of review papers.

Mini-reviews: These are reviews of important and recent topics that are presented in a concise and well-focused manner. The number of words is limited to 5,000 words.

Case reports: A detailed report of the symptoms, signs, diagnosis, treatment, and follow-up of an individual patient (i.e., clinically important information on common and rare conditions).

Letter to the editor for comments on recently published articles.

Special reports: Papers may be accepted on the basis that they provide a systematic, critical, and up-to-date overview of literature pertaining to research or clinical topics.

BEFORE YOU BEGIN

Read General information

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For any query e-mail us at editor-in-chief@jjar.in or jjar@aksuniversity.com

Ethical approval

Studies on patients or volunteers require Ethics Committee and/or Independent Review Board (IRB) approval, and, where relevant, the patients' written informed consent, which should be documented in the Methods section of the paper. If such a study was not approved by the appropriate Ethics Committee or IRB, a statement as to why it was exempted should be included. The Editors reserve the right to refuse publications where the required ethical approval/patient consent is lacking.

Conflict of Interest (mandatory)

A conflict of interest may exist when an author or the author's institution has financial or other affiliations with people or organizations that may inappropriately influence the author's work. A conflict can be actual or potential and full disclosure to the journal is the safest course. All submissions to the journal must include disclosure of any relationships that could be viewed as potential conflicts of interest. The journal may use such information as a basis for editorial decisions and may publish such disclosures if they are believed to be important to readers in judging the manuscript. This declaration (with the heading "Conflict of interests") should be uploaded among the files submitted on the EES.

Submission declaration

Submission of an article implies that the work described has not been published previously (except in the form of an abstract or as part of a published lecture or academic thesis or as an electronic preprint), that it is not under consideration for publication elsewhere, that its publication is approved by all authors and tacitly or explicitly by the responsible authorities where the work was carried out, and that, if accepted, it will not be published elsewhere in the same form, in English or in any other language, including electronically without the written consent of the copyright holder.

Changes to authorship

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Open access

Every peer-reviewed research article appearing in this journal will be published with open access. This means that the article is universally and freely accessible via the internet in perpetuity, in an easily readable format immediately after publication.

Language

Manuscripts must be written either in English or in Hindi in a clear and concise manner. Any author who is not fluent in idiomatic English/Hindi is urged to seek assistance with manuscript preparation prior to submission. Reviewers will not be expected to correct grammatical errors and any deficiency in this area may detract from the scientific content of the paper and result in acceptance delays or rejection.

Submission

Our online submission system will guide you stepwise through the process of entering your article details and uploading your files. The system converts your article files to a single PDF file used in the peer-review process. Editable files (e.g., Word, LaTeX) are required to typeset your article for final publication. All correspondence, including notification of the Editor's decision and requests for revision, is sent by e-mail.

Referees

Please submit the names and institutional e-mail addresses of three potential referees. Note that the editor retains the sole right to decide whether or not the suggested reviewers are used.

The corresponding author's full mailing address, including mail codes, phone number, fax number, and email address should be included. The original manuscript should be formatted with double line spacing using Arial or Times New Roman fonts (12 pt). The text must be in a single-column format with justified margins.

Use boldface, italics, subscripts, and superscripts where appropriate. To avoid unnecessary errors, the authors are strongly advised to use the "spell-check" and "grammar-check" functions of their word processing software. Use continuous line numbering throughout the text and all manuscript pages must be numbered at the bottom right corner of each page.

Revised manuscripts

The authors must submit the revised version of their submissions within one month of receiving the editorial decision. Revision does not mean that the manuscript will be accepted for publication, as the amended submissions could be sent out for re-evaluation. In response to the reviewer's comments, the authors must ensure that each comment is followed by their revision and/or response. In instances where an author disagrees with a comment or suggestion of a reviewer, please justify the reason. Any associated changes in the manuscript must be highlighted on the revised form of the manuscript to facilitate the process of re-evaluation.

Resubmission of a rejected manuscript

When resubmitting a manuscript previously rejected by JIAR, the authors are required to upload the decision letter from the Editor requesting submission of the rejected manuscript, the original reviewer comments of the rejected manuscript, the responses to the reviewer comments, and the original manuscript number. The resubmitted manuscript must indicate, in color, where the revisions were made in the paper in response to the reviewer comments

Article structure

The manuscript should be compiled in the following order: The manuscript should be compiled in the following order: Novelty Statement, List of five referees with their full contact information, Title, Authors & Affiliations, Abstract, Keywords, Introduction, Experimental, Results, and Discussion, Conclusion, Acknowledgments, References and Notes, Legends, Tables, Figures, and Schemes.

Novelty Statement: A statement of novelty should be provided in not more than 100 words giving a brief description of the original research conducted in the submitted manuscript.

Title: *The title should be brief, specific, and rich in informative words; it should not contain any literature references or compound numbers.*

Authors and Affiliations: *Where possible, supply given names, middle initials, and family names for complete identification. Use superscript lowercase letters to indicate different addresses, which should be as detailed as possible and must include the country name. The corresponding author should be indicated with an asterisk, and contact details (email, fax) should be placed in a footnote. Information relating to other authors (e.g., present addresses) should be placed in footnotes indicated by the appropriate symbols (overleaf).*

Abstracts: *Authors must include a short abstract of approx 100 - 300 words that state briefly the purpose of the research, the principal results, and major conclusions. References and compound numbers should not be mentioned in the abstract unless full details are given.*

Keywords: *Authors should provide at least 4 keywords that define the major areas of the manuscript's focus of research. These keywords will be used for indexing purposes.*

Introduction

The author(s) should endeavor to define the significance of the work and the justification for its publication. Any background discussion should be brief and restricted to relevant material.

Material and methods (Experimental or Methodology)

Authors should be as concise as possible in experimental descriptions. The experimental section must contain all of the information necessary to assurance reproducibility. Previously published methods should be indicated by a reference and only relevant

modifications should be described. All vendor details, including company, city, and country, should be mentioned for chemicals, reagents, strains, etc. For statistical analysis, please state the appropriate test(s) in addition to a hypothesized p-value or significant level (for example 0.05).

Results

The study results should be clear and concise. Restrict the use of tables and figures to depict data that is essential to the message and interpretation of the study. Do not duplicate data in both figures and tables. The results should be presented in a logical sequence in the text, tables, and illustrations.

Discussion

This should explore the significance of the results of the work, not repeat them. Include in the discussion the implications of the findings and their limitations, how the findings fit into the context of other relevant work, and directions for future research.

Conclusion(s)

The main conclusion(s) of the study should be presented in a short conclusion statement that can stand alone and be linked with the goals of the study. State new hypotheses when warranted.

Include recommendations when appropriate. Unqualified statements and conclusions not completely supported by the obtained data should be avoided.

Acknowledgments: *An acknowledgment section may be included. It should be placed after the manuscript text and before the references.*

Abbreviations: *Standard ACS abbreviations should be used throughout the manuscript and are employed without periods. The preferred forms for some of the more commonly used abbreviations are mp, bp, μ C, K, min, h, mL, μ L, g, mg, μ g, cm, mm, nm, mol, mmol, μ mol, M, mM, μ M, ppm, HPLC, TLC, GC, ¹³C NMR, ¹H NMR, GCMS, HRMS, FABHRMS, UV, FTIR, EPR, ESR, DNase, IV, XRD, EDX, XPS, ED50, ID50, IC50, LD50, im, ip, iv, mRNA, RNase, rRNA, tRNA, cpm, Ci, dpm, Vmax, Km, k, t_{1/2}. All nonstandard abbreviations should be defined following the first use of the abbreviation.*

References Citation in text: All citations in the text should refer to:

1. Single author: the author's name (without initials, unless there is ambiguity) and the year of publication (Smith, 2003)
2. Two authors: both authors' names and the year of publication (Smith & Jones, 2004)
3. Three, four, or five authors: all author's names and year of publication (Smith, Jones, & Brown, 2005). For all subsequent citations of this work use et al. (Smith et al., 2005).
4. Six or more authors: first author's name followed by et al. and the year of publication (Black et al., 2007). Citations may be made directly or parenthetically. Groups of references should be listed first alphabetically, then chronologically, e.g., (Allan, 1996a, b, 1999; Allan & Jones, 1995; Allen et al., 1994). Kramer et al. (2000) have recently shown..."

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