

Author Guidelines

Aim and Scope

Archives of Advances in Biosciences (AAB) is an open access, peer-reviewed, and continuous journal published by Shahid Beheshti University of Medical Sciences published since 2004 , in languages Persian . From 2010 issue, the Journal is published only in English language. During the last 12 years more than 384 scientific research papers, results of health activities have been published in this Journal.

To meet the increasing demand of respected researchers, as of January 2022 , the Journal is published continuously . I wish this will assist to promote the level of global knowledge.

The main topics that the Journal would welcome are:

We would be very delighted to receive your Original papers, [Original Article](#), [Review Article](#), [Short Communication](#), [Case Reports](#) and [Letter to the Editor](#)

in the areas below:

Medical Basic Sciences

Immunology/ Cancer

Epidemiology/Biochemistry

Pharmacology/Genetic

Article Types

Editorial: An editorial is a discussion of a scientific problem or theme addressed in one or several original articles appearing in the same issue. Editorials are written by the Editor-in-Chief, or the Editorial Team.

Original/Research Article: The major load in each AAB issue is devoted to original/research articles (n=7). Authors need to make sure that their submitted article includes the following parts:

Article Title, Full Name(s) and Affiliation(s), Contact Number (mobile) of the Corresponding Author, ORCID Code of the Corresponding Author and the first author of the article, Abstract, Keywords (maximum 5 words), Introduction, Materials and Methods, Results, Discussion, Conclusion, Acknowledgment, Ethical Considerations, Conflict of Interests, and References..

[See Original Article Template](#)

Review Article: Review articles are solicited and exclusively requested by AAB journal. Unsolicited reviews are not accepted. When preparing your review articles, make sure they include the following parts:

Article Title, Full Name(s) and Affiliation(s), Contact Number (mobile) of the Corresponding Author, ORCID Code of the Corresponding Author and the first author, Abstract, Keywords (maximum 5 words), Context, Obtaining Evidence, Results, Conclusion, Conflict of Interest, and References.

[See Review Article Template](#)

Case Reports: Case reports are short discussions of a case or case series with unique features not previously described, making an important teaching point or scientific observation. They may describe novel techniques, state-of-the-art equipment, or new information on diseases of importance.

Case reports consist of Abstract (unstructured), Introduction, Case report, Discussion, Acknowledgements, and References.

[See Case Reports Template](#)

Short Communication: A Short communication takes one of the following forms:

- A re-analysis of a previously published article in AAB or in another journal.
- An article that may not meet the criteria for an 'original/research article' but it is of general interest to the Editorial Team of AAB.
- A brief report of research findings adequate for the scope of AAB.

Short communications may be edited for clarity or length and may be subject to peer review at the Editor-in-Chief's discretion. Short reports of research work will be peer reviewed.

[See Short Communication Template](#)

Letter to the Editor: A letter to the editor is a scientific review of an article published in the last AAB issue. It has to be prepared in not more than 500 words. In case the original author wishes to provide an answer, both the letter and the answer will be published in the same issue.

Preparing the Manuscript

All submissions have to be in MS Office Word 2010, 2016, or 2019, with all the pages being numbered. The format has to be as follows:

Title Page

A separate page is devoted to Title Page. Title Page (the first page) includes the title of the article, the author(s) information :full name(**Times New Roman 18 pt**), affiliation(**Times New Roman 8 pt**), ORCID, and e-mail, as well as the corresponding author's phone number. The title of

the article is typed and adjusted with **Times New Roman 10 pt and line spacing 1.**

- After submission stage, no author can be added to the article.
- All authors' names have to be clearly indicated in the order intended for publication.
- No change of order will be permitted once the ordering is submitted.

Abstract

Abstracts are submitted along with the article in one package.

For the format of Abstract see Article Types.

Time New Roman 8 pt.

Keywords

- Keywords are prepared in a single line under Abstract.
- Each article may have keywords of 3-5 words.
- The initial letter of each keyword is capitalized.
- Comma separates the keywords. No punctuation mark is used after the last keyword.

Article Content

AAB journal recommends that authors follow the recommendations for the conduct, reporting, editing, and publication of scholarly work in medical journals formulated by the International Committee of Medical Journal Editors (ICMJE). **Time New Roman 10 pt**

Introduction: This should summarize the purpose and the rationale for the study. It should neither review the subject extensively nor should it have data or conclusions of the study.

Methods: This should include exact method, observation, or experiment. If an apparatus is used, its manufacturer's name and address should be given in parenthesis. If the method is established, give reference but if the method is new, give enough information so that another author is able to perform it. Statistical method must be mentioned and specify any general computer programmed used. The Info system used should be clearly mentioned.

Results: It must be presented in the form of text, tables, and illustrations. The contents of the tables should not be all repeated in the text. Instead, a reference to the table number may be given. Long articles may need sub-headings within some sections (especially the Results and discussion parts) to clarify their contents.

Discussion: This should emphasize the present findings and the variations or similarities with other work done in the field by other workers. The detailed data should not be repeated in the discussion again. Emphasize the new and important aspects of the study and the conclusions that follow from them. It must be mentioned whether the hypothesis mentioned in the article is true, false or no conclusions can be derived.

Abbreviations and symbols

Use only standard abbreviations. Avoid using them in the title and abstract. The full term for which an abbreviation stands should precede its first use in the text unless it is a standard unit of measurement.

Formulas

All formulas have to be typed; otherwise, they have to be photographed as pictures.

Tables & Charts

- Each table goes in a separate page.
- Each table has borders with normal style without any colored row or column.
- The style of table should be simple. **Remove vertical lines and extra horizontal lines.**
- Each cell must contain only one paragraph or line.
- Tables and charts must have numbers.
- The titles of charts and tables are placed at the bottom of the chart/table using **Book Antiqua 9 pt.**
- Table/chart numbers must be entered in
- The contents of the table should be adjusted in **Book Antiqua 9 pt** or smaller if necessary.

Ethical Considerations

Compliance with ethical guidelines

The ethical principles observed in the article, such as the informed consent of the participants, the confidentiality of information, the permission of the participants to cancel their participation in the research and the code

of ethics received from the ethics committee of the universities should be written as follows:

a.All ethical principles are considered in this article. The participants were informed of the purpose of the research and its implementation stages. They were also assured about the confidentiality of their information and were free to leave the study whenever they wished, and if desired, the research results would be available to them. A written consent has been obtained from the subjects. principles of the Helsinki Convention was also observed.

b.This study was approved by the Ethics Committee of the University of ??? (Code: ???).

c.This article is a meta-analysis with no human or animal sample.

d.There were no ethical considerations to be considered in this research.

Funding

Was the paper extracted from a thesis? Or did it have any financial supporters? Kindly choose on of the below:

a.The paper was extracted from the MSc./ MA/ PhD. thesis or extracted from a research project of the first/second/third author, Department of ??? Faculty of??? University of ???

b.This research was supported by the research project (No. ???), Funded by the University of ???

c.This research did not receive any grant from funding agencies in the public, commercial, or non-profit sectors.

Author's contributions

Please mention the contributor role of each author on this parts: Conceptualization, Methodology, Software, Validation, Formal Analysis, Investigation, Resources, Data Curation, Writing – Original Draft Preparation, Writing – Review & Editing, Visualization, Supervision, Project Administration, and Funding Acquisition.

The example below shows the Author Contributions:

Conceptualization and Supervision: Asghar Farhadi and Ibrahim Hassanpour; Methodology: Elahe Mahdavi; Investigation, Writing – original draft, and Writing – review & editing: All authors; Data collection: ???, ???, and ???; Data analysis: ??? and ???; Funding acquisition and Resources: Ibrahim Hassanpour, Elahe Mahdavi, Sima Kiani, and Reza Noori.

or

Sample : The authors equally contributed to preparing this article.

Conflict of Interest

All submissions to AAB journal must include disclosure of any potential conflicts of interest.

Acknowledgements

All logistic, financial, and technical assistance along with the nature of the support should be noted. You can thank the institution, laboratory,

clinic, organizational affiliation, and/or those who contributed to the research. You may thank assistance with the patients, cells, supplies, animals, processes, data provision, referrals, and/or samples.

Financial resources should also be included in Acknowledgments. Full or partial investment and the information associated with the grant received, if applicable, need to be specified.

Here are three sample acknowledgments:

Sample I: This study was part of the first author's thesis. We would like to thank the Faculty of Veterinary Medicine, Kazerun Branch of Islamic Azad University, for their help with data collection.

Sample II: We would like to extend our appreciation and thanks to all participants, staff, and managers who made this study possible.

Sample III: We are extremely grateful to Dr. Sarah Kahani for her comments and feedback during the study.

- In case the article has previously been approved by an organization, the approval number and the funding organization should be mentioned.
- In case the article has been a part of an educational proposal, the educational rank, the name of the university, the faculty, and the related department should be mentioned.

References

The authors are responsible for the accuracy of the bibliographic information. All manuscripts submitted to AAB conform to the specifications of Vancouver style. Vancouver is a numbered referencing style consisting of citations to someone else's work in the text, indicated

by the use of a number and a sequentially numbered reference list at the end of the document providing full details of the corresponding in-text reference. **Time New Roman 8 pt.**

- Personal communications and unpublished data including manuscripts submitted but not yet accepted for publication should not be used as a reference; however, they may be placed in parentheses in the text.
- Periodical titles should be abbreviated according to the Index Medicus(<http://www2.bg.am.poznan.pl/czasopisma/medicus.php?lang=eng>).
- Enter author's surname followed by no more than 2 initials when there are six or less. In the case of seven or more authors, the names of the first six authors followed by et al should be listed. For more information click here.
- The reference numbers in the text should be **in brackets**.
- **The DOI code and its link should be inserted separately at the end of each reference. If the reference does not have Doi code, insert the URL link.**

Example:

[2] Ryu JS, Jeong EJ, Kim JY, Park SJ, Ju WS, Kim CH, et al. Application of mesenchymal stem cells in inflammatory and fibrotic diseases. Int J Mol sci. 2020; 21(21):8366. [DOI:10.3390/ijms21218366] [PMID] [PMCID]

Article: Vega KJ, Pina I, Krevsky B. Heart transplantation is associated with an increased risk for pancreatobiliary disease. *Ann Intern Med* 1996; 124:980-3.

Book: Philips SJ, Whisnant JP. Hypertension and stroke. In: Large JH, Brenner BM, editors. *Hypertension: Pathophysiology, diagnosis, and management*. 2nd ed. New York: Raven Press; 1995: 465-78.

Submission Rules

- The Editorial Team of AAB reserves the right to accept, reject, edit, or summarize any article in any stage, if necessary.
- All manuscripts have to be in English.
- Manuscripts submitted to AAB have not been published elsewhere under any formats.
- Once the article is submitted to AAB, the authors are not allowed to send it to other publications or journals for consideration, unless they are informed of the Editorial Team's decision as for the rejection of the article.
- Authors must inform AAB Editorial Office in cases where the submitted article has been previously presented and /or published in a conference, or convention/ or their proceedings. The Editorial Team will have the right to decide whether to publish the article or not. For more information [click here](#).

- Preliminary announcement of the scientific outcomes of an article submitted to AAB which is not yet published is against the rules.
- Authors are encouraged to contact AAB Editorial Office in case they face a problem during submission or after publication of their manuscript.
- **Proof Reading:** The last version is sent to the corresponding author for proof reading before publication in order to avoid any mistakes. Corrections should be marked clearly and sent immediately to the Journal office.
- One of the necessary files is the cover letter form, which must be signed by the corresponding author and all the co-authors; the email addresses of all the authors must be included in the cover letter. Please scan the modified form and upload it along with the article.

See [cover letter Form](#)

Ethical Guidelines

- Authors must ensure that what they present is original work, and in case they have used the work and/or words of others, this has been appropriately cited or quoted, thus avoiding plagiarism in all its forms. A manuscript submitted to AAB should contain sufficient detail and references to permit others to replicate the work. Fraudulent or knowingly inaccurate statements are unacceptable.
- Authors of the works involving chemicals, procedures, or equipment with any sort of scarce hazards inherent in their use are asked for openly identifying all the aforementioned points in their manuscript.
- Authors are asked to ensure that the manuscript contains the statement that every single procedure was performed in compliance with all the pertinent laws and institutional guiding principles and

that the pertinent institutional committee (*e.*, institutional review board or ethics review committee) has approved them.

- Authors are requested to include a statement in the manuscript indicating that the written informed consent was obtained for experimentation with human participants. They should also state that written informed consent has been obtained from all human adult participants and from the parents or legal guardians of minors. It is also mandatory to state how the written informed consent has been obtained from the study participants. Include the name of the appropriate institutional review board that approved the project.
- Authors must, at all times, observe the privacy rights of human participants.
- Editorial Team may demand authors to provide documentation of the formal review and recommendation from the institutional review board or ethics committee responsible for the oversight of the study.
- In case of discovering a significant error or inaccuracy in the published work, the author is obliged to promptly notify the journal and cooperate with the Editorial Team to retract or correct the paper. If the Editorial Team learns from a third party that a published work contains a significant error, it is the obligation of the author to promptly retract or correct the paper or provide evidence to the editor of the precision and accuracy of the original article.
- Ethical considerations must be addressed in the Materials and Methods section: Indicate in the text that the maintenance and care of experimental animals complies with National Institutes of Health guidelines for the humane use of laboratory animals, or those of your Institute or agency.

Important Points:

- Except for the first stage of submission, the names of authors must not be entered in the uploaded files.
- In case plagiarism is detected, the article will be rejected immediately.
- Submissions that are not prepared according to the format specified will not make it to the review process.
- In the proof stage, the corresponding author is supposed to insert a scan of her/his signature in the footer of all pages of the article or s/he can print, sign, and scan the whole article, and then upload its PDF file on the website of the journal.
- Alternatively, the corresponding author can complete the final proof confirmation file of the article and upload the scanned file on the website after printing and signing.

See [Conflict of Interest Form](#)

See [Insert the signature of the corresponding author](#)