

## EURASIAN JOURNAL OF MOLECULAR AND BIOCHEMICAL SCIENCES

### Author Instructions

#### Introduction

**Eurasian Journal of Molecular and Biochemical Sciences (Eurasian Mol Biochem Sci)** is national and international, scientific, open access, and periodically published by a double-blind peer-review process. The journal is the official publication of Erzurum Technical University Faculty of science and published biannually in March and September. The publication language of the journal is English.

The Eurasian Mol Biochem Sci aims to publish original research papers, short communications, preliminary scientific reports, letters to the editor, and reviews in all molecular biology and medical fields.

Articles are not limited in length, but the editors recommend that they should be no longer than 15 printed pages with no more than 10 figures and 4 tables in most cases.

Eurasian Journal of Molecular and Biochemical Sciences is an Open Access journal, which means that all content is freely available without charge to the user or his/her institution. Users are allowed to read, download, copy, distribute, print, search, or link to the full texts of the articles, or use them for any other lawful purpose without asking prior permission from the publisher or the author. This is in accordance with the BOAI definition of Open Access.

#### Editorial and Publication Process

The editorial and publication processes of the journal are shaped in accordance with the guidelines of the International Council of Medical Journal Editors ([ICMJE](#)), the World Association of Medical Editors ([WAME](#)), the Council of Science Editors ([CSE](#)), the Committee on Publication Ethics ([COPE](#)), the European Association of Science Editors ([EASE](#)), and National Information Standards Organization ([NISO](#)). The journal conforms to the Principles of Transparency and Best Practice in Scholarly Publishing ([doaj.org/bestpractice](#)).

#### Peer Review Process

Manuscripts submitted to the Eurasian Journal of Molecular and Biochemical Sciences will go through a double-blind peer-review process. Each submission will be reviewed by at least two

external, independent peer reviewers who are experts in their fields to ensure an unbiased evaluation process. The editorial board will invite an external and independent editor to manage the evaluation processes of manuscripts submitted by editors or by the journal's editorial board members. The Editor in Chief is the final authority in the decision-making process for all submissions.

### **Ethics in publishing**

An approval of research protocols by the Ethics Committee in accordance with international agreements (World Medical Association Declaration of Helsinki “Ethical Principles for Medical Research Involving Human Subjects,” amended in October 2013, [www.wma.net](http://www.wma.net)) is required for experimental, clinical, and drug studies. If required, ethics committee reports or an equivalent official document will be requested from the authors. For manuscripts concerning experimental research on humans, a statement should be included that shows that written informed consent of patients and volunteers was obtained following a detailed explanation of the procedures they may undergo. For studies carried out on animals, the measures taken to prevent pain and suffering of the animals should be stated clearly. Information on patient consent, the name of the ethics committee, and the ethics committee approval number must also be stated in the Materials and Methods section of the manuscript.

### **Plagiarism**

Eurasian Journal of Molecular and Biochemical Sciences is extremely sensitive about plagiarism. The corresponding author must upload the article's similarity report to the journal's online system. Also, all submissions are screened by a similarity detection software (iThenticate by CrossCheck) at any point during the peer-review and/or production process. Even if you are the author of the phrases or sentences, the text should not have unacceptable similarities with the previously published data.

In the event of alleged or suspected research misconduct, e.g., plagiarism, citation manipulation, and data falsification/fabrication, the Editorial Board will follow and act following COPE guidelines.

### **Language**

Please write your text in good English (American or British usage is accepted, but not a mixture of these). Authors who feel their English language manuscript may require editing to eliminate

possible grammatical or spelling errors and conform to correct scientific English may wish to use the English Language Editing services.

### **Submission**

[Our online submission system](#) guides 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) 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 email.

### **Authorship and Author Responsibilities**

All authors should have made substantial contributions to all of the following: (1) the conception and design of the study, or acquisition of data, or analysis and interpretation of data, (2) drafting the article or revising it critically for important intellectual content, (3) final approval of the version to be submitted.

### **Author Contribution**

In order to provide appropriate credit to all authors and assign responsibility and accountability for published work, individual contributions should be specified as an Author Contributions statement. The Author Contributions Statement is mandatory in the main text after the discussion. It should represent all the authors and is to be included upon submission. It can be up to several sentences long and should briefly describe the tasks of individual authors. Please list only 2 initials for each author, without full stops, but separated by commas (e.g. JC, JS). Please see an example here:

“AB, CDE, and FG contributed to the conception and design of the study. AB organized the database. CDE performed the statistical analysis. FG wrote the first draft of the manuscript. GH, IJ, AB, and FG wrote sections of the manuscript. All authors contributed to manuscript revision, read, and approved the submitted version”.

### **Changes to authorship**

Authors are expected to consider carefully the list and order of authors before submitting their manuscript and provide the definitive list of authors at the time of the original submission. Any addition, deletion, or rearrangement of author names in the authorship list should be made only before the manuscript has been accepted and only if approved by the journal Editor. To request

such a change, the Editor must receive the following from the corresponding author: (a) the reason for the change in the author list and (b) written confirmation (email, letter) from all authors that they agree with the addition, removal or rearrangement. In the case of adding or removing authors, this includes confirmation from the author being added or removed.

The Editor will only consider the addition, deletion, or rearrangement of authors in exceptional circumstances after the manuscript has been accepted. While the Editor considers the request, publication of the manuscript will be suspended. If the manuscript has already been published in an online issue, any requests approved by the Editor will result in a corrigendum.

### **Declaration of Interest**

Eurasian Journal of Molecular and Biochemical Sciences requires and encourages the authors and the individuals involved in the evaluation process of submitted manuscripts to disclose any existing or potential conflicts of interests, including financial, consultant, and institutional, that might lead to potential bias or a conflict of interest. Any financial grants or other support received for a submitted study from individuals or institutions should be disclosed to the Editorial Board. The journal's Editorial Board resolves cases of a potential conflict of interest of the editors, authors, or reviewers within the scope of COPE and ICMJE guidelines.

The Editorial Board of the journal handles all appeal and complaint cases within the scope of COPE guidelines. In such cases, authors should contact the editorial office directly regarding their appeals and complaints. When needed, an ombudsperson may be assigned to resolve claims that cannot be resolved internally. The Editor in Chief is the final authority in the decision-making process for all appeals and complaints.

**The statement** should be provided as a separate section (titled 'Declaration of interest') at the end of the main text, before the 'References' section.

### **Disclaimer**

Statements or opinions expressed in the manuscripts published in Eurasian Journal of Medicine reflect the views of the author(s) and not the views of the editors, the editorial board, or the publisher; the editors, the editorial board, and the publisher disclaim any responsibility or liability for such materials. The final responsibility regarding the published content rests with the authors.

### **Manuscript Preparation**

1- The manuscripts submitted for publication should be prepared in Times New Roman style format, font size 12, A4 paper size, 1.5 line spacing, and 2.5 cm margins of all edges. The legend or caption of all illustrations, such as figures and tables, and their appropriate position should be indicated in the text. Refer to tables and figures in the main text by their numbers. Also, figure legends explanations should be given at the end of the text.

2- Manuscripts can only be submitted through the journal's online manuscript submission and evaluation system, available at <https://dergi.erzurum.edu.tr/ejmbs/about/submissions>. During the submission process, the authors should upload the manuscript's figures to the online manuscript submission system. The **Copyright Transfer Agreement Form** is signed by all the authors and must upload the submission system.

3- The authors should indicate the institute's name approves the necessary ethical commission report and the serial number of the approval in the material and methods section. If necessary, the editorial board may also request the official document of the ethical commission report. If an ethical problem is detected (not reporting project information, lack of ethical committee information, conflict of interest, etc.), the editorial board may reject the manuscript at any stage of the evaluation process.

## **Manuscripts Types**

**Original (Full-Article) manuscripts** are original and proper scientific papers based on sufficient scientific investigations, observations, and experiments. Manuscripts consist of the title, abstract and keywords, introduction, material and methods, results, discussion, acknowledgment, Declaration of Interest, and references, and it should not exceed 12 pages, including text. The number of references should not exceed 50. The page limit does not include tables and illustrations. The Abstract should contain 250 words. **The template of the Full article main text is here.**

**Short communication manuscripts** contain recent information and findings in the related topics; however, they are written with insufficient length to be an original full-length article. They should be prepared in the format of the original full-length article, but the Abstract should not exceed 100 words, the reference numbers should not exceed 15, and the text length should be no longer than 6 pages in total.

**Preliminary scientific reports** are a short description of partially completed original research findings at an interpretable level. These should be prepared in the format of full-length original articles.

**Letters to the editor** are short and picture-documented presentations of subjects with scientific or practical benefits. The length of the text should be no longer than three pages in total. The page limit includes tables and illustrations.

**Reviews** must include criteria for consideration: a critical overview of the field, with a strong focus on current challenges and the bottlenecks to future major advances. Please make sure to emphasize the molecular mechanistic aspects where possible. Otherwise, please feel free to decide the exact scope of your review and the depth of coverage, keeping in mind that the overall message should be accessible to the journal's broad readership. Also, the review must represent a fair and unbiased coverage of the most recent advances and relevant approaches and research groups working in the field and accommodate different points of view. Finally, we would encourage you to include a 'perspectives' paragraph at the end of your review that proposes the direction you personally consider the field should take and the prospects for useful applications you might expect to see in the near future and beyond. The title and summary of this manuscript should be prepared as described for the full-length original articles, and the remaining sections should be followed by abstract, introduction, text (with appropriate titles), conclusion, and references.

### **Title page**

A separate title page should be submitted with all submissions, and this page should include **(Please use Template of Title Page)**:

- The full title of the manuscript as well as a short title (running head) of no more than 60 characters,
- Name(s), affiliations, and ORCID IDs of the author(s),
- Grant information and detailed information on the other sources of support,
- Name, address, telephone (including the mobile phone number), and email address of the corresponding author.
- Authors' Contributions (The contributions of all authors should be described on the title page of the manuscript using the CRediT Taxonomy of author roles).

### **Figures and figure caption**

You should not attach figure files in the manuscript or you should upload your figure files to our e-submission system while submitting your paper.

Figures should be submitted in Tiff or JPEG file format, and they will be automatically attached at the end of the manuscript in PDF. Number figures as Figure 1, Figure 2 ... in order of citation in the figure legend. An individual should not be recognizable in the photographs unless written

consent of the subject has been obtained and is provided at the time of submission. Scales should be presented as a bar in the picture or as a magnification remark in the legend.

Except for especially complicated drawings that show large amounts of data, all figures are published at one page or one column width; when the figures are reduced to the size of a single column or of the single page width, the smallest parts of the figure must be legible.

It is recommended to size original figure widths to 4 inches wide. The minimum requirements for digital resolution are:

- 900 DPI/PPI for black and white images, such as line drawings or graphs.
- 300 DPI/PPI for picture-only photographs.
- 600 DPI/PPI for photographs containing pictures and line elements, i.e., text labels, thin lines, arrows.

The abbreviations for a minute, hour, and day are min, hr, and d, respectively, and the abbreviations for a week, month, and year are wk, mo, and yr, respectively. These abbreviations are used in tables, figures, and virgule constructions.

Summary data (e.g., means, odds ratios) should be reported using data markers for point estimates, not bars, and should include error bars indicating measures of uncertainty (e.g., SDs, 95% CIs). Actual values (not log-transformed values) of relative data (for example, odds ratios, hazard ratios) should be plotted on log scales.

The figures should be at least 300 dpi resolution in your Manuscript Word file, and place a caption below each figure. A caption should comprise a brief title (**not** on the figure itself) and a description of the illustration. Keep text in the illustrations themselves to a minimum but explain all symbols and abbreviations used. This is designed to help the reviewers evaluate your work more efficiently.

### **Tables and table caption**

Please submit tables as editable text and not as images. Tables can be placed either next to the relevant text in the article or on separate page(s) at the end. Number tables consecutively in accordance with their appearance in the text and place any table notes below the table body. Be sparing in the use of tables and ensure that the data presented do not duplicate results described elsewhere in the article. Please avoid using vertical rules and shading in table cells.

### **Highlights (Optional)**

Highlights are optional for this journal. Specifications: include 3 to 5 bullet points (max. 85 characters per bullet point including spaces); only the core results of the paper should be covered. The first bullet point should state the background or context of the question. One to three bullet points should describe the principal results. The last bullet point should conclude with a clear description of the conceptual advance and significance of the work. Highlights should be submitted as a separate file in the Online submission system when uploading files. Highlights will be also in the article PDF file. [An example of Highlights Template is here.](#)

### **Abstract**

The abstract must be concise (limit of 250 words) and factual. It should convey the concept and the importance of the paper to non-specialist readers. The Abstract should briefly state the background of the question and the principal results and conclude with a clear description of the conceptual advance and significance of the work. Detailed descriptions of the study or the findings should not be included in the abstract. An abstract is required for all papers. An abstract is often presented separately from the article, so it must be able to stand alone. Also, non-standard or uncommon abbreviations should be avoided, but if essential, they must be defined at their first mention in the abstract itself.

### **Keywords**

Authors should supply five keywords after the Abstract. Keywords should not be words from the title.

### **Abbreviations**

Abbreviations should be avoided as much as possible. When they are used, the full expression of the abbreviations in parentheses following the abbreviated word should be given at the first use.

### **Introduction**

State the objectives of the work and provide an adequate background, avoiding a detailed literature survey or a summary of the results.

### **Materials and Methods** (primary section heading)

Provide sufficient detail to allow the work to be reproduced. Methods already published should be indicated by a reference: only relevant modifications should be described.



Subsection headings should be structured hierarchically as follows:

**Secondary subsection heading**

*Tertiary subsection heading*

*Quaternary subsection heading:*

**Ethical approval of studies and informed consent**

For all manuscripts reporting data from studies involving human participants or animals, formal review and approval, or formal review and waiver, by an appropriate institutional review board or ethics committee is required and should be described in the Methods section.

**General text style**

*Generic and brand name of medicine or chemical.*

For medicine, use generic names. If a brand name should be used, insert it in parentheses after the generic name.

**Statistical analysis**

Standard deviation and the standard error should be described in the format of mean $\pm$ SD and mean $\pm$ SE, respectively. *P*-values should be described as *P*<0.05 or *P*=0.003.

**Units**

Scientific units should be followed by the International System of Units (<http://www.bipm.org/en/measurement-units>). Unit for volume is 'L', instead of 'l' to avoid confusion; Unit for blood pressure is mmHg; Temperature is expressed in Celsius and concentration in M, mM, and  $\mu$ M.

**Results**

Results should be clear and concise.

Tables and figures should be indicated in the main text as follows:

(Table 1), (Tables 1 and 2), (Tables 1-3), (Figure 1A and B), (Figure 1A-C), (Figures 1 and 2), (Figures 1-3), (Figures 1A and 3B), (Table 1, Figure 2).

### **Discussion**

This should explore the significance of the results of the work, not repeat them. A combined Results and Discussion section is often appropriate. Avoid extensive citations and discussion of published literature.

### **Acknowledgments**

Collate acknowledgments in a separate section at the end of the article before the references and do not, therefore, include them on the title page, as a footnote to the title, or otherwise. List here those individuals who provided help during the research (e.g., providing language help, writing assistance or proofreading the article, etc.).

### **Declaration of Interest**

**The statement** must be provided as a separate section (titled 'Declaration of interest') at the end of the main text, before the 'References' section.

### **Reference style**

References should be listed at the end of the manuscript. They should be listed in the order in which they appear in the text, tables, figure legends, and numbered sequentially. When cited in the text, reference numbers should be given in parenthesis. Only papers that have been published or accepted should be cited in the reference list. If there are six or fewer authors in a reference, then all the names of the authors should be listed. If the number of authors is more than six, list the initial six authors and then abbreviate the rest of the authors with 'et al.', the title of the article, journal title (abbreviated), year of the article, the volume number, and first and last pages should be cited.

### **Examples:**

1- Published articles:

**(Author. Title. Journal name Year:Vol;Page.)**

1- Kara A, Akman S, Ozkanlar S, Tozoglu U, Kalkan Y, Canakci, CF, et al. Immune modulatory and antioxidant effects of melatonin in experimental periodontitis in rats. Free Radic Biol Med 2013;55:21–26.

2- Kim CS, Choi SH, Chai JK, Cho KS, Moon IS, Wikesjo UM, et al. Periodontal repair in surgically created intrabony defects in dogs: influence of the number of bone walls on healing response. J Periodontol 2004;75:229-35.

### **Book**

**(Author. Book title. Edition. Place: Publisher; Year.)**

Newman MG, Takei HT, Klokkevold PR, Carranza FA. Carranza's clinical periodontology. 10th ed. St. Louis: Saunder Elsevier; 2006.

### **Book chapter**

**(Chapter author. Chapter title. In: editor(s). Book Title. Edition. Place: Publisher; Year. Chapter page.)**

1- Hanks SK, Hunter T. The eukaryotic protein kinase superfamily. In the Protein Kinase FactsBook: Protein-Serine Kinases (Hardie, G. & Hanks, S., eds), London, Academic Press, 1995. p.747.

2- Carranza FA, Takei HH. Clinical Diagnosis. In: Newman MG, Takei HT, Klokkevold PR, Carranza FA. Carranza's clinical periodontology. 10th ed. St. Louis: Saunder Elsevier; 2006. p.540-60.

### **Web site**

**(Title [Internet]. Place: Publisher; Copyright year [cited Year Month Date]. Available from: URL.)**

American Cancer Society. Cancer Reference Information [Internet]. Atlanta (GA): American Cancer Society; c2010 [cited 2010 Jun 20]. Available from: [http://www.cancer.org/docroot/CRI/CRI\\_0.asp](http://www.cancer.org/docroot/CRI/CRI_0.asp).

Other types of references not described below should follow The NLM Style Guide for Authors, Editors, and Publishers (<http://www.nlm.nih.gov/citingmedicine>).

### **Reference management software**

These include all products that support Citation Style Language styles, such as EndNote. [The Endnote reference style link is here.](#)

### **Publication fee**

There are no fees for page charges or color figures.

### **Offprints**

The publisher will send the electronic pdf file to the corresponding author. There are no offprints.

### **Supplemental data**

The acceptance of supplemental material is at the Editor's discretion. Supplemental information must be submitted with the manuscript for review by the editor and referees. Manuscripts must be complete and stand-alone. Supplemental material should complement the printed paper and may include figures and figure legends, tables, supporting data, sequence alignments, primers, derivation of equations, and videos. The availability of supplemental information will be indicated in the printed paper and the supplemental data will be directly linked to the online version of the paper. Reference to the supplemental information may be made at appropriate places in the text.

With the exception of videos, the supplemental information must be submitted electronically in the form of a single PDF file. Very large tabulations of supporting data may be submitted as Microsoft Excel files.

### **Submission checklist**

The following list will be helpful during the final checking of an article before finalizing your submission. Ensure that submission files contain, in the following order:

- Title page
- Highlights (optional)
- Abstract (and Keywords)
- Manuscript main text
- Declaration of authors contribution and funding information in the acknowledgment
- Declaration of interest statement
- References
- Figure captions
- Tables

- Figures
- Copyright Transfer Agreement Form
- Similarity report

### **Submission of Manuscript**

Authors are requested to submit their papers electronically by an e-submission system which can be accessed on the official website of Eurasian Mol Biochem Sci (<https://dergi.erasmus.edu.tr/ejmbs/about/submissions>) as well. After creating an account, authors can proceed with the submission process as arranged. Before submission, the instructions described in the Eurasian Mol Biochem Sci manuscript template files should be carefully reviewed in formatting the papers. The title page, manuscript main text (including tables and figures), and copyright form should be included in the submission file package.

### **Revisions**

When submitting a revised version of a paper, the author must submit a detailed “Response to the reviewers” that states point by point how each issue raised by the reviewers has been covered and where it can be found (each reviewer’s comment, followed by the author’s reply and line numbers where the changes have been made) as well as an annotated copy of the main document. Revised manuscripts must be submitted within 30 days from the date of the decision letter. If the revised version of the manuscript is not submitted within the allocated time, the revision option may be canceled. If the submitting author(s) believe that additional time is required, they should request this extension before the initial 30-day period is over.

Accepted manuscripts are copy-edited for grammar, punctuation, and format by professional language editors. Once the publication process of a manuscript is completed, it is published online on the journal’s webpage in its scheduled issue. A PDF proof of the accepted manuscript is sent to the corresponding author and their publication approval is requested within 2 days of their receipt of the proof.

