

Instructions for Authors

The *Archives of Biological Sciences, Belgrade* (ABS) is published by the **Serbian Biological Society**. The ABS is a multidisciplinary journal that covers original research in a wide range of subjects in life science, including biology, ecology, human biology and biomedical research. The ABS features articles in genetics, botany and zoology (including higher and lower terrestrial and aquatic plants and animals, prokaryote biology, algology, mycology, entomology, etc.); biological systematics; evolution; biochemistry, molecular and cell biology, including all aspects of normal cell functioning, from embryonic to differentiated tissues and in different pathological states; physiology, including chronobiology, thermal biology, cryobiology; radiobiology; neurobiology; immunology, including human immunology; human biology, including the biological basis of specific human pathologies and disease management; systems biology and mathematical biology. Manuscripts diverging from basic research in biological sciences, such as case studies, clinical studies, clinical therapies, descriptions of technological processes and solutions and instrumentation, articles in pedagogy and teaching, psychology, sociology and geography will not be considered for publication.

The ABS is published quarterly in open access electronic format.

When preparing your manuscript for submission, please carefully follow these guidelines.
A submission that does not meet the basic format and manuscript organization requirements of the *Archives of Biological Sciences, Belgrade* will not be taken into consideration.

Articles are subjected to a three-tier pass-process: articles that meet the basic format and manuscript organization requirements will be subjected to plagiarism screening to identify misused text. Only articles that pass these two steps will be forwarded for peer review to independent referees from the area of research of the submitted manuscript. The authors can also suggest the names of three referees with email addresses, briefly explaining why they think the suggested scientists would be good referees.

Submitted articles should be *original* contributions presenting *original* research. Review articles and papers describing new techniques and methods in life science will be considered as well. Submitted articles must be written in English. While there is no restriction to the number of words and figures, the *Archives of Biological Sciences, Belgrade*, encourage a concise writing style.

Submission of a manuscript to the Editor implies that it has not been previously published, that it is not under consideration for publication elsewhere, and that, if accepted, it will not be published elsewhere in the same form without the written consent of the Editor.

Format Requirements

Manuscripts should be double-spaced in unicode Times New Roman, normal font spacing; font size 12 pts; normal margin page layout, and submitted as a MS Word RTF file. Section headings and subheadings should be centered, with subheadings italicized. Bold fonts, numbered paragraphs/sections, bullet points must not be used within the text. Paragraphs should be indented (left-indent, 1.27 cm), without spaces between them. Hanging indentation (1.27 cm) should be used for the References. US spelling should be used.

Footnotes can only be used to explain abbreviations. Standard abbreviations can be used without explanation. For specialized abbreviations, the name should be given first in full, with the abbreviation in parentheses. Latin names of species and genera should be italicized.

Manuscript Organization

Manuscripts should be divided into the following ordered sections:

Cover Page
Abstract
Introduction
Materials and Methods
Results
Discussion
Conclusions (optional)
Acknowledgments
Authors' contributions
Conflict of interest
References
Figure Legends
Tables

Figures should **not** be included in the main manuscript file but submitted as individual files.

The **Manuscript Cover Page** should only contain the

- **Title**
- **Authors**
- **Affiliations**
- **Keywords**
- **Short title**

The **Title** must not exceed 250 characters (with spaces). Abbreviations should be avoided in the title if possible.

All **Authors' Names** must be listed in the following order: first name, middle name initials (if applicable), family name(s).

Affiliations: Each author must list an associated department, university, organizational affiliation, address, city and country. One author, designated as the **Corresponding Author** must provide her/his e-mail address and other contact information that will be published if the article is accepted.

Five **Keywords** should be provided.

The **Short Title** must **not** exceed 50 characters (with spaces) and should state the theme of the paper.

The **Abstract** must **not** exceed 250 words. The abstract should not contain citations and should avoid abbreviations as much as possible.

The **Introduction** should provide a clear, concise and informative overview of selected recent literature relevant to the topic of the manuscript, a description of the problem addressed in the manuscript and the aim of the work.

The **Materials and Methods** should be divided into appropriate subsections. This section should provide enough detail to allow full replication of experiments. While detailed description of *novel* protocols is encouraged, well-established methods can be cited as articles where the protocols are described in detail. The International System (SI) of Units and the International Union of Pure and Applied Chemistry (IUPAC) rules for naming organic and inorganic compounds should be adhered to. Decimal points must be used with Arabic numerals.

The **Results** should clearly and concisely present the researchers' findings. This section can be divided into subsections, each with a concise subheading, as appropriate.

The **Discussion** should provide an interpretation of the results. This section can optionally be divided into appropriate subsections, each with a concise subheading. Authors are urged to avoid overloading this section with excessive citations and lengthy reinterpretations of related literature and are urged to focus on their findings. Authors should avoid conclusions for which they have not provided sufficient experimental data. Exceptionally, the Results and Discussion of the manuscript can be combined in a single section labeled **Results and Discussion**.

The **Conclusions** section is not obligatory. It should provide a general, brief and appropriate summary, never more than a page long, of the presented findings. This section **must not** merely repeat parts of the abstract.

Acknowledgments. Funding sources and persons who contributed to the work but do not fit authorship criteria should be included in the acknowledgments.

Authors' contributions. This should include a statement of the different responsibilities that specifies the contribution of every author.

Conflict of interest disclosure.

The **References** must be sorted alphabetically. In the text, references should be given as: Smith (2012) or (Smith, 2012). When a citation includes more than two authors, e.g. Smith, Abraham and Jones, the paper should be cited in the text as Smith et al. (1975). If papers published by the same first author in the same year are cited, they should be distinguished by the letters a, b, c, etc., as follows: Petrović et al. (2014a, b). Authors must strictly adhere to journal name abbreviations provided in NCBI databases. Unavailable and unpublished work may not be cited, including manuscripts that have been submitted but have not yet been accepted (referred to as "unpublished work"), and reports from scientific meetings. Authors may not include "data not shown". References for accepted articles may be included as "in press" after the authors, title of the work and journal are provided.

Authors should limit the number of cited references by referring to the most relevant papers.

Reference formatting

Published articles:

Lowry, O.H., Rosebrough, N. J. Farr, A. L. and R. J. Randall (1951). Protein measurement with the folin phenol reagent. *J. Biol. Chem.* **193**, 165-175.

Articles in electronic journals:

Grdović, N., Dinić, S., Mihailović, M., Uskoković, A., Arambašić Jovanović, J., Poznanović, G., Wagner, L. and Vidaković, M. CXC chemokine ligand 12 protects pancreatic β -cells from necrosis through Akt kinase-mediated modulation of poly(ADP-ribose) polymerase-1 activity. *PLOS ONE* (2014) **9**, e101172. <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0101172>

Books:

The authors' names, date of publication, title, edition, page reference, publishers' name, and place of publication should be given as follows:

MacIntyre, R. J. (1982). Regulatory genes and adaptation: Past, present, and future, In: *Evolutionary Biology*, 15 (Eds. M. K. Hecht, B. Wallace, and T. G. Prauce), 247-285. Plenum Press, New York.

Tables should have a clear, self-explanatory title. Tables should be numbered consecutively in Arabic numerals in the order in which they are referred to in the text. We need to have full control over the tables, that is, to be able to click inside the tables to edit the font of the words written inside the tables to match the journal style and correct the spelling. The table legends should provide information on the applied statistical procedures.

Figure Legends should provide description of the image, making it comprehensible without reference to the text. Figures should have a clear, self-explanatory title.

Illustrations should accompany the manuscript and **should not be inserted** in the text. **Illustrations** should be labeled as “**Fig.**” (use of terms such as “Plate” “Photograph”, “Diagram”, “Map”, etc. must be avoided), and numbered consecutively in Arabic numerals in the order in which they are referred to in the text. Illustrations should be supplied in TIFF format. File resolution should not be less than 240 ppc/300 ppi at 170 mm wide, preferably at 300 dpi. Lettering to appear on the illustrations should be of sufficient size to allow for reduction in size.

While figures presented online will be in color, the printed version of the ABS will contain only black-and-white plates. We therefore require that authors provide **black-and-white line drawings**.

Manuscripts should be **submitted** electronically to:

Dr. Goran Poznanović, Editor-in-Chief, Archives of Biological Sciences, Department of Molecular Biology, Institute for Biological Research “*Siniša Stanković*”, Bulevar despota Stefana 142, 11060 Belgrade, Serbia

E-mail: ABS@ibiss.bg.ac.rs