­­

**Open Access**

**Title**

Firstname Lastname1, Firstname Lastname2, Firstname Lastname3\*

|  |  |  |
| --- | --- | --- |
| \*Correspondence:email@email.com |  | **Abstract**This is the abstract section, approximately 250 words maximum. The abstract should provide a relevant overview of the work. We strongly encourage authors to use the subheadings provided. **Introduction:** State the problem underlying the study and highlight the objectives of the study. **Materials and Methods:** Briefly describe the main methods or treatments applied, including a description of the study population. **Results:** Summarize the main findings of the article. **Conclusion:** Present the main conclusions or interpretations. The abstract should be an objective representation of the article, should not contain results not presented and supported in the main text, and should not exaggerate the main conclusions. **Keywords:** Keyword 1; Keyword 2; Keyword 3 (Include three to five relevant keywords that are specific to the article, but fairly general within the same discipline) |
| 1. Department, University, City – Postal Code, Country
2. Department, University, City – Postal Code, Country
3. Department, University, City – Postal Code, Country

Received: dd Month yyyyAccepted: dd Month yyyyPublished online: dd Month yyyyC:\Users\martin\Downloads\testFigure.tifJACBioLab Logo |  |
| Citation:Lastname A., Lastname, B. Title of the article. Abbreviated Journal Name. Year;Vol(No):page. https://doi |
| Creative Commons License | Copyright: © 2025 by the authors. Submitted for possible open access publication under the terms and conditions of the Creative Commons Attribution (CC BY SA) license (https://creativecommons.org/licenses/by/4.0/). |

**INTRODUCTION**

The introduction highlights why the research is important. It should define the problem at hand, the purpose of the research, and its significance. The current state of the field should be thoroughly reviewed, and key publications should be cited with references greater than 80% from the last 5 years. Please highlight controversial and dissenting hypotheses if necessary. Finally, briefly state the main aims of the research. Citations should be numbered in the order in which they appear and indicated by a number in parentheses—for example, (1) or (2,3), or (4–6).

**MATERIALS AND METHODS**

Materials and Methods should be described in sufficient detail to allow others to replicate and build upon the published results. Please note that publication of your manuscript implies that you must make all materials, data, and protocols associated with the publication available to readers. New methods and protocols should be described in detail while established methods can be described briefly and cited appropriately. Interventional studies involving animals or humans, and other studies requiring ethical approval, must cite the approving authority and the appropriate ethical approval code.

This section is also explained in subpoints so that readers can better understand the content presented. This section usually starts from the research design used and explains research ethics, then followed by measurement techniques and statistical tests.

Authors are required to disclose details of how generative artificial intelligence (GenAI) has been used in the paper (e.g., to generate text, data, or graphics, or to assist in study design, data collection, analysis, or interpretation). The use of GenAI for superficial text editing (e.g., grammar, spelling, punctuation, and formatting) need not be declared.

**Subpoint**

Xxxxxx

**Subpoint**

Xxxxxx

**Subpoint**

Xxxxxx

**RESULTS AND DISCUSSION**

This section can be divided into several sub-points, each of which reviews one result and directly discusses its findings. This section should provide a concise and precise description of the results of the experiment, their interpretation, and the conclusions that can be drawn from the experiment.

Authors should discuss the results and how they can be interpreted from the perspective of previous studies and of the working hypotheses. The findings and their implications should be discussed in the broadest context possible.

**Subpoint**

Xxxxxx

**Subpoint**

Xxxxxx

**Subpoint**

Xxxxxx

All figures and tables should be cited in the main text as Figure 1., Table 1., etc.

**Table 1.** This is a table

|  |  |  |  |
| --- | --- | --- | --- |
| Title 1 | Title 2 | Title 3 | Title 4 |
| Entry 1 | Data | Data | Data |
| Entry 2 | Data | Data | Data |



**Figure 1.** This is a figure

(b)

(a)



**Figure 2.** This is a figure. (a) Description of what is contained in the first panel; (b) Description of what is contained in the second panel.

**CONCLUSIONS**

The conclusion section should answer the research objectives and show how you have addressed the research problem, and indicate any remaining knowledge gaps by suggesting issues for further research. This section should not be presented in bullet points but should be in paragraphs.

**Author Contributions:** For research articles with several authors, a short paragraph specifying their individual contributions must be provided. The following statements should be used “Con-ceptualization, X.X. and Y.Y.; methodology, X.X.; software, X.X.; validation, X.X., Y.Y. and Z.Z.; formal analysis, X.X.; investigation, X.X.; resources, X.X.; data curation, X.X.; writing—original draft preparation, X.X.; writing—review and editing, X.X.; visualization, X.X.; supervision, X.X.; project administration, X.X.; funding acquisition, Y.Y. All authors have read and agreed to the published version of the manuscript.” Please turn to the CRediT taxonomy for the term explana-tion. Authorship must be limited to those who have contributed substantially to the work re-ported.

**Funding:** “This research received no external funding” or “This research was funded by NAME OF FUNDER, grant number XXX” and “The APC was funded by XXX”. Check carefully that the details given are accurate and use the standard spelling of funding agency names at https://search.crossref.org/funding. Any errors may affect your future funding.

**Informed Consent Statement:** Any research article describing a study involving humans should contain this statement. Please add “Informed consent was obtained from all subjects involved in the study.” OR “Patient consent was waived due to REASON (please provide a detailed justifica-tion).” OR “Not applicable.” for studies not involving humans. You might also choose to exclude this statement if the study did not involve humans.

**Acknowledgments:** In this section, you can acknowledge any support given which is not covered by the author contribution or funding sections. This may include administrative and technical support, or donations in kind (e.g., materials used for experiments). Where GenAI has been used for purposes such as generating text, data, or graphics, or for study design, data collection, analy-sis, or interpretation of data, please add “During the preparation of this manuscript/study, the author(s) used [tool name, version information] for the purposes of [description of use]. The au-thors have reviewed and edited the output and take full responsibility for the content of this publication”.

**Conflicts of Interest:** Declare conflicts of interest or state “The authors declare no conflicts of in-terest.” Authors must identify and declare any personal circumstances or interest that may be perceived as inappropriately influencing the representation or interpretation of reported research results. Any role of the funders in the design of the study; in the collection, analyses or interpre-tation of data; in the writing of the manuscript; or in the decision to publish the results must be declared in this section. If there is no role, please state “The funders had no role in the design of the study; in the collection, analyses, or interpretation of data; in the writing of the manuscript; or in the decision to publish the results”.

**REFERENCES**

References should be numbered in the order they appear in the text (including citations in tables and legends) and listed individually at the end of the manuscript or in the “Vancouver” format. We recommend preparing references using Mendeley software. Include digital object identifiers (DOIs) for all references if available. The total number of references in a research article is recommended to be equal to or more than 20 and must be less than 5 years old (80% of total references). Do not cite unavailable and unpublished works.