**Title**

[Titles do not exceed two lines in print. This equates to 75 characters (including spaces). Titles do not normally include numbers, acronyms, abbreviations or punctuation.]

**Author Information**

[Authors' full first and last names and complete address information including city, zip code, state/province, and country must be provided. Ensure that the author order and all author information are correct. Updates to author information may not be permitted after submission or acceptance.

At least one author should be designated as the corresponding author. Authors who have contributed equally should be marked and stated.]

Firstname Lastname 1, Firstname Lastname 2, Firstname Lastname 2,\*

1 Affiliation 1, City, State/Province, Country, Zip code

2 Affiliation 2, City, State/Province, Country, Zip code

\* Correspondence: [e-mail@e-mail.com](mailto:e-mail@e-mail.com)

**Abstract**

[A pertinent overview of the work about 150-250 words, separated by the headings below:]

**Background:** Place the question addressed and highlight the purpose of the study.

**Methods:** Briefly describe the main methods or treatments applied

**Results:** Summarize the article’s main findings.

**Conclusions:** Indicate the main conclusions or interpretations.

**Keywords**

[List 3-10 pertinent keywords specific to the article yet reasonably common within the subject discipline.]

keyword 1; keyword 2; keyword 3; keyword 4; keyword 5

**Introduction**

[Define the purpose of the work and its significance. The current state of the research field should be carefully reviewed and key publications cited. Highlight controversial and diverging hypotheses when necessary. Finally, briefly mention the main aim of the work and highlight the principal conclusions.]

**Materials and Methods**

[Written concisely but should contain all elements necessary for interpretation and replication of the results.

Subdivide by short, bold headings referring to each part of the methods used.

Manuscripts reporting large datasets that are deposited in a publicly available database should specify where the data have been deposited and provide the relevant accession numbers.

Interventionary studies involving animals or humans, and other studies that require ethical approval, must list the authority that provided approval and the corresponding ethical approval code.]

**Materials/Methods subheading 1**

**Materials/Methods subheading 2**

**Results**

[Provide a concise and precise description of the experimental results, their interpretation, as well as the experimental conclusions that can be drawn.]

**Results subheading 1**

**Results subheading 2**

**Discussion**

[Discuss the results and how they can be interpreted from the perspective of previous studies and of the working hypotheses. Limitation of the current study and future research directions may also be highlighted.]

**Conclusions**

[Summarize the main conclusions or interpretations.]

**Acknowledgments**

[Acknowledge any support or assistance given not covered by the author contribution or funding sections.]

**References**

[Prepare and insert/cite the references with EndNote bibliography software to avoid typing mistakes and duplicated references.

Number the cited references in order of appearance in the text (including citations in tables and legends) and listed individually at the end of the manuscript.

Include the digital object identifier (DOI) for all references where available.]

**Tables**

[All tables should be cited in the main text as Table 1, Table 2, etc.

List tables after the References section.

Complex tables can be submitted as a separate Excel file.

Include a brief explanatory title for each table

All table columns should have an explanatory heading.]

**Table 1. A brief title.**

|  |  |  |
| --- | --- | --- |
| **Heading 1** | **Heading 2** | **Heading 3** |
| Entry 1 | Data | Data |
| Entry 2 | Data | Data |

1 Tables may have a footer.

**Table 2. A brief title.**

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| --- | --- | --- |
| **Heading 1** | **Heading 2** | **Heading 3** |
| Entry 1 | Data | Data |
| Entry 2 | Data | Data |

1 Tables may have a footer.

**Figures**

[All figures must be cited in sequence within the main article text in the form Fig. 1, Fig. 2, etc.

Use a 5–7 pt san serif font for standard text labelling and Symbol font for Greek characters.

Use scale bars, not magnification factors, and include error bars where appropriate.

Each Figure must be provided during submission in a single file in formats of TIFF, JPEG, or EPS at a sufficiently high resolution (minimum 1000 pixels width/height, or a resolution of 300 dpi or higher).

Include a brief caption for each figure with a short description of each panel cited in sequence.

Include a description of median or average and all error bars and how they were calculated.

Give an indication of sample size (n number), state the statistical test used and provide P values.]

**Figure 1. A brief caption.** A short description of each panel.

**Figure 2. A brief caption.** A short description of each panel.