***Research Article***

***Manuscript Title***

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Short Title: to be used as running head

Corresponding Author:

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Keywords: Please provide 3–5 keywords highlighting the most important points of your paper.

**Abstract**

An Abstract of 500 words maximum should summarize the main points and reflect the content of the article. Abbreviations used in the main text may be introduced and used. Use neither bibliographic references nor references to figures or tables in the Abstract. The Abstract should be written in a clear and concise way and be structured using the following subheadings:

**Objectives:**

Clearly formulate the primary objective of the study in one sentence and summarize what is known already in one or two sentences.

**Design:**

Specify the type of study (randomized, prospective cohort, case-control, other) and include the number of study subjects (cases/controls), treatment type and duration, sampling procedures if applicable.

**Participants/Materials, Setting, Methods:**

Describe the general approach for clinical/animal/in vitro studies; specify methods/statistics and endpoints used.

**Results**

Include statistical analysis for primary outcome and present most relevant secondary outcomes; and describe the role of chance.

**Limitations**

Describe the reasons for caution in interpreting/extrapolating the results.

**Conclusions**

Provide a summary of the main findings in one sentence. Add several sentences on the wider implications of the findings: novelty, comparison with literature data, relevance, implications for clinical practice/human health and medicine, and for future research.

**Introduction**

The Introduction should provide a summary of the background to the relevant field of research and the specific problems addressed and should state the hypotheses being explored as well as the main goal(s) of the study. Conclusions or findings should not appear in the Introduction.

**Methods**

The Methods section should clearly list all inclusion and exclusion criteria, methods of research, and variables evaluated and should state how outcomes were assessed. All terms should be adequately defined and statistical information should be sufficiently detailed so that a study can be repeated. If your manuscript is a clinical trial, please provide the clinical trial number.

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The Results section should describe the most important findings of the study, analysis, or experiment. The most important results should be indicated, and relevant trends and patterns should be described.

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The Discussion should provide an evaluation of the results. There should be a clear discussion of the implications, significance, and novelty of the results presented and whether the data support or contradict previous studies. A final conclusion may be added.

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Study approval statement: Provide name and affiliation of the committee who approved the study and the decision reference number. An example statement can be found here: "*This study protocol was reviewed and approved by [committee name and affiliation], approval number [XXX]*." If ethics approval was not required, or if the study has been granted an exemption from requiring ethics approval, this should also be stated, including the name of the ethics committee who made that decision.

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Authors must give full details about the funding of any research relevant to their study, including sponsor names and explanations of the roles of these sources in the study design, execution and analysis, and manuscript conception, planning, writing and decision to publish. If the sponsor or funder had no role in any of the above, please use the following statement: "The funder had no role in the design, data collection, data analysis, and reporting of this study." Please ensure to include any support that could be perceived as a potential conflict of interest in the Conflict of Interest Statement. It is strongly advised to write out the funding body in full and add the grant number in brackets. Multiple grant numbers should be separated by commas and spaces. If no funding was received for the study, please use the following statement: "This study was not supported by any sponsor or funder."

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