

## **Submission**

Manuscripts should be submitted by one of the authors of the manuscript through on line submission system for our journals. Only electronic PDF (.pdf) or Word (.doc, .docx, .odt, .rtf, .txt) files can be submitted through the manuscript submission system, and there is no page limit. Special characters should not be included in the file name of the main manuscript file. Submissions by anyone other than one of the authors will not be accepted.

## **Types of Contributions**

**Full Length Article** : Full length articles are original, high-quality, research papers presenting novel scientific findings.

**Review** : Subject reviews are invited from accomplished researchers and scholars in a broad range of topics within the scope of the journal. Reviews are to be in-depth, critical analyses.

**Letter** : Letter forms as a short original research work report that focuses on an important discovery which means that scientists in other fields will also be interested in it. The length of a letter should not exceed 4 printed pages.

## **Ensure that the following items are present:**

**One author has been designated as the corresponding author with contact details:**

- E-mail address
- Full postal address

**All necessary files have been uploaded:**

Manuscript:

- Include keywords
- All figures (include relevant captions)
- All tables (including titles, description, footnotes)
- Ensure all figure and table citations in the text match the files provided

**Further considerations**

- Manuscript has been 'spell checked' and 'grammar checked'
- All references mentioned in the Reference List are cited in the text, and vice versa

## **Terms of submission**

Manuscripts must be submitted on the understanding that they have not been published elsewhere and are only being considered by this journal. The corresponding author is responsible for ensuring that the article's publication has been approved by all the other coauthors. It is also the corresponding author's responsibility to ensure that the article has all necessary institutional approvals.

## **Manuscript Preparation**

### **Title and authorship information**

The following information should be included:

- Manuscript title
- Full author names
- Full institutional addresses
- Email addresses

### **Abstract**

The manuscript should contain an abstract. The abstract should be self-contained, citation-free, and should not exceed 300 words.

### **Introduction**

This section should be succinct, with no subheadings.

### **Materials and methods**

The methods section should provide enough detail for others to be able to replicate the study. If you have more than one method, use subsections with relevant headings, e.g. different models, statistics, materials and reagents, etc.

Hindawi journals have no space restriction on methods. Detailed descriptions of the methods (including protocols or project descriptions) and algorithms may also be uploaded as supplementary information or a previous publication that gives more details may be cited. If the method from a previous article is used then this article must be cited and discussed. If wording is reused from a published article then this must be noted, e.g. This study uses the method of Smith et al. and the methods description partly reproduces their wording [1].

If a method or tool is introduced in the study, including software, questionnaires, and scales, the license this is available under and any requirement for permission for use should be stated. If an existing method or tool is used in the research, the authors are responsible for checking the license

and obtaining any necessary permission. If permission was required, a statement confirming permission was granted should be included in the materials and methods section.

## **Results and discussion**

This section may be divided into subsections or may be combined.

## **Main text (review only)**

This section may be divided into subsections or may be combined.

## **Conclusions**

This should clearly explain the main conclusions of the article, highlighting its importance and relevance.

## **Acknowledgments**

All acknowledgments (if any) should be included at the very end of the manuscript before the references. Anyone who made a contribution to the research or manuscript, but who is not a listed author, should be acknowledged (with their permission).

## **References**

. All references should be numbered consecutively in the order of their first citation. Citations of references in the text should be identified using numbers in square brackets e.g., “as discussed by Smith [9]”; “as discussed elsewhere [9, 10]”. All references should be cited within the text and uncited references will be removed.

*Citation standards.* All data, program code, and other methods should be appropriately cited. Such materials should be recognized as original intellectual contributions and afforded recognition through citation.

## **Units of measurement**

Units of measurement should be presented simply and concisely using the International System of Units (SI).

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