

## Manuscript Preparation

The following provides guidance for putting your work together.

**PREPARATION:** Use the Chapter or Monograph Template at [MDPI Books | Publish with Us](#) to prepare manuscript. Do not attempt to format your manuscript. This will be done by our in-house typesetters.

**SUBMISSION:** Submit your complete manuscript in Word via our online submission system (JAMS) at <http://mdpibooks.jams.pub/>.

**LENGTH:** A book is typically 150–300 pages (70,000–120,000 words) and approximately 10–20 chapters ranging about 7–25 pages each.

**PAGINATION:** Begin page numbering at Chapter 1 or Introduction. For books split into parts, number the chapters consecutively all the way through and add “Part” where relevant, i.e., Part One: Chapter 1, Chapter 2; Part Two: Chapter 3, Chapter 4, etc.

**FIGURES and TABLES:** Figures should be numbered sequentially within each chapter, e.g., Figure 1.1 starts Chapter 1 and Figure 2.1 starts Chapter 2, and include a caption. Tables must be created in Word and should be numbered separately from figures (e.g., Table 1.1). All figures and tables must be referenced in the text near where they appear. For more details download the Monograph or Chapter Template, or the file Figure and Copyright Information for Authors from [MDPI Books | Publish with Us](#).

**ITALIC AND BOLD:** In the text, use only where absolutely necessary as bold and italics are used to distinguish different levels of headings.

**ABBREVIATIONS:** Abbreviations should be defined in parentheses the first time they appear in the abstract, main text, and in figure or table captions and used consistently thereafter.

**SI UNITS:** International System of Units should be used. Imperial, US customary and other units should be converted to SI units.

**EQUATIONS:** If you are using Word, please use either the Microsoft Equation Editor or the MathType add-on. Equations should be editable by the editorial office and not appear in a picture format.

### FRONTMATTER

**TITLE:** The title of your manuscript should be concise, specific and relevant. It should identify if the study reports (human or animal) trial data, or is a systematic review, meta-analysis or replication study.

**AUTHOR LIST:** Authors' full first and last names must be provided. The initials of any middle names can be added.

**ABSTRACT:** The abstract should be a total of about 200 words maximum. The abstract should be a single paragraph and should follow the style of structured abstracts, but without headings: 1) Background: Place the question addressed in a broad context and highlight the purpose of the study; 2) Methods: Describe briefly the main methods or treatments applied. Include any relevant preregistration numbers, and species and strains of any animals used. 3) Results: Summarize the article's main findings; and 4) Conclusion: Indicate the main conclusions or interpretations. The abstract should be an objective representation of the article: it must not contain results which are not presented and substantiated in the main text and should not exaggerate the main conclusions.

**KEYWORDS:** Three to ten pertinent keywords need to be added to the submission form. We recommend that the keywords are specific to the article, yet reasonably common within the subject discipline.

### MAIN TEXT

**INTRODUCTION:** The introduction should briefly place the study in a broad context and highlight why it is important. It should define the purpose of the work and its significance, including specific hypotheses being tested. The current state of the research field should be reviewed carefully and key publications cited. Please highlight controversial and diverging hypotheses when necessary. Finally, briefly mention the main aim of the work and highlight the main conclusions. Keep the introduction comprehensible to scientists working outside the topic of the paper.

**MATERIALS AND METHODS:** They should be described with sufficient detail to allow others to replicate and build on published results. New methods and protocols should be described in detail while well-established methods can be briefly described and appropriately cited. Give the name and version of any software used and include any pre-registration codes.

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

**DISCUSSION:** Authors should discuss the results and how they can be interpreted in perspective of previous studies and of the working hypotheses. The findings and their implications should be discussed in the broadest context possible and limitations of the work highlighted. Future research directions may also be mentioned. This section may be combined with Results.

**CONCLUSIONS:** This section can be added to the manuscript if the discussion is unusually long or complex.

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**SUPPLEMENTARY MATERIALS:** Please describe any supplementary material published online alongside the manuscript (figure, tables, video, spreadsheets, etc.). Please indicate the name and title of each element as follows Figure S1: title, Table S1: title, etc. The supplementary files will also be available to the referees as part of the peer-review process.

**BACKMATTER** (for more detailed descriptions see the Chapter or Monograph Template)

**AUTHOR CONTRIBUTIONS:** Each author is expected to have made substantial contributions to the conception or design of the work; or the acquisition, analysis, or interpretation of data; or the creation of new software used in the work; or have drafted the work or substantively revised it. For research articles with several authors, the following statements should be used "Conceptualization, 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 & Editing, X.X.; Visualization, X.X.; Supervision, X.X.; Project Administration, X.X.; Funding Acquisition, Y.Y."

**FUNDING:** Please add: "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".

**ACKNOWLEDGMENTS (for monographs the acknowledgements are in the frontmatter):** All sources of funding of the study should be disclosed. Clearly indicate grants that you have received in support of your research work and if you received funds to cover publication costs.

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