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2Jurusan Biologi, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Indonesia, Depok 16424, Jawa Barat, Indonesia.

The abstract should be written in a single paragraph, using Bell MT font, size 10 pt, single-spaced, and in regular style. It should provide a concise overview of the problem's background, followed by a clear statement of the research or study's purpose and objectives. The research methods should be briefly described in sequential order, including the approach to data analysis. The findings should be presented clearly and systematically, aligned with the methods, and highlight the key results of the research. The abstract should conclude with suggestions or recommendations based on the findings. The manuscript must be written in proper and grammatically correct English. The abstract should contain 150 to 250 words. Keywords should be listed under the "Keywords" section, avoiding repetition of words from the title whenever possible. Keywords must be arranged alphabetically.

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# **INTRODUCTION (Bell MT, 12 pt, Bold, Single Spaced, Spacing Before: 12 pt, After: 2 pt)**

This template is intended for researchers or authors submitting articles to the Medical Biotechnology and Health Science Journal (MBHS). The template has been formatted in a general scientific article structure and must not be freely modified. Articles in MBHS are typically written in Indonesian but may also be submitted in English. The article is presented in two columns, using "Bell MT" font, size 11, single-spaced. The manuscript should be concise and clear, ranging from 6 to 15 pages.

Submitted articles must be original works based on the authors' research and not copied from others' research. Therefore, it is essential to include references from recent sources (within the last five years). The background section presents the **state-of-the-art** research. This section contains the research background, prior studies, relevant references, and theories related to the research. The research objectives or questions outline the research problem addressed in the manuscript. This section should occupy 15-20% of the manuscript.

**The introduction** explains what the research is about, why it was conducted, and its objectives. It should be supported by relevant literature reviews, such as data from other sources, similar studies, or prior up-to-date research. **The introduction typically spans 2-3 pages.** It may conclude by stating the study's scope, objectives, and potential implications of the findings.

In-text citations follow the Harvard system. Citations should use the **"name and year"** format and be listed alphabetically. For articles with two authors, both names should be included. For three or more authors, only the first author's surname should be mentioned, followed by "et al." (not italicized), e.g., Rahayu & Nugroho (2006) or (Bleeker 2003a, b, c; Nugroho 2004; Former et al. 2008; Webb et al. 2008). Citations using the term "cit" should be avoided. References to unpublished data and personal communication should not appear in the reference list but should be cited in the text only, e.g., Zaenab 2007, pers. com. (personal communication); Rahayu DA 2007, unpublished data. At least 80% of the references must be from scientific journals published within the last five years, except for taxonomic studies. Journal names should be abbreviated according to the ISSN List of Title Word Abbreviations ([www.issn.org/2-22661-LTWA-online.php](http://www.issn.org/2-22661-LTWA-online.php)).

**METHOD (Bell MT, 12 pt, Bold, Single Spaced, Spacing Before: 12 pt, After: 2 pt)**

The methods section explains how the research was conducted. The main components of this section include:

* **Research design**
* **Data sources**
* **Data collection techniques**
* **Data analysis**

For studies involving equipment and materials, their specifications must be included. Equipment specifications describe the sophistication of the tools used, while material specifications detail the types of materials utilized. The methodology should be described comprehensively to allow other researchers to verify the results. References should be provided for less common methods. Data analysis techniques must also be detailed.

The methods section should emphasize procedures and data analysis. For field studies, the study location should be included (e.g., Figure 1).

**RESULTS AND DISCUSSION**

The results section should be typed in Bell MT, 11-point font, with a line spacing of at least 12 points, and a paragraph indentation of 0.75 cm for the first line. It presents the findings of the research using processed data, ready to answer the research objectives (not raw data). To enhance clarity, illustrations such as tables and figures can be included. However, results explained in tables or figures should not be elaborated upon in detail in the text. The results should be written in paragraphs, without subdivisions or bullet points.

The Results and Discussion section must be written as a cohesive narrative. However, if the discussion is lengthy, it is advisable to divide the content into subheadings. The results must be presented clearly and concisely. The discussion should provide a comprehensive analysis of the data or findings, exploring their relevance in answering the research problem. The results are presented first, followed by the discussion, which connects the data with the proposed solutions to the research problem.

Tables and figures must be included, numbered sequentially, and referred to in the order they appear in the text. Titles should be brief and clear. Tables should be formatted as open tables, with horizontal lines only at the table header and footer. Illustrations may include photos, graphs, maps, and diagrams. Photographs should have high resolution to ensure clarity. Table numbers should be listed in the order they appear in the text, with figure titles placed below the images and table titles above the tables. Authors may submit images or photographs for the cover page, even if they do not appear in the main manuscript. Any images or figures sourced from external authors must be properly cited.

Mathematical equations must be clearly presented and typed using formula software such as Equation Editor or MathType. Decimal points should be indicated with a dot (.) for English formatting.

There should be no appendices; all data and analyses must be included in the Results and Discussion section. For extensive data, it can be made available on a website as supplementary material (e.g., Table 1; Figure 2).

Scientific names must be written following established naming conventions, such as ICZN for animals, ICBN for plants, and respective naming standards for viruses and bacteria. Quantitative measurements should follow the International System of Units (SI).

Figure 2. xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

**Table 1.** Table title (short, with no closing punctuation, no gridlines)a

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**CONCLUSION**

The section should clearly state the main conclusions of the research and provide a clear explanation of their importance and relevance. This section should not contain discussion anymore. Please write the conclusions as a paragraph, not per point. Summary illustrations and recommendation may be included in this section (if any).

**ACKNOWLEDGMENTS**

Acknowledgments from the author, can be written in this section. Acknowledgments are addressed to those who play an important or meritorious role in organizing research and publication, but whose contribution is not significant as authors.

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