

Original Research

Article Title

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Abstract

One paragraph within 350 words without citation. Please do not include any references in the Abstract.

Keywords: keyword 1; keyword 2; keyword 3; keyword 4; (* at least 4, not exceed 8 keywords)

* This is a template for Original Research article, which must include the following sections: Introduction, Results, Discussion, Methods. For instructions about other article types, please refer to [Guidelines for Authors](#).

1. Introduction

Main text [1].

2. Materials and Methods

2.1 Subtitle

Main text [2,3].

2.1.1 Subsubtitle

Main text [4–6].

2.1.2 Subsubtitle

Main text.

21 **2.2 Subtitle**

22 Main text.

23 This is an example of equation:

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

(1)

24 *2.2.1 The first type table*

Table 1 Table caption. Tables should be placed in the main text near to the first time they are cited

| Title 1 | Title 2 | Title 3 | Title 4 | Title 5 | Title 1 | Title 2 | Title 3 | Title 4 | Title 5 |
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25 *2.2.2 The second type table*

Table 2 Table caption.

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Figure 1 Figure caption.



Figure 2 Figure caption.

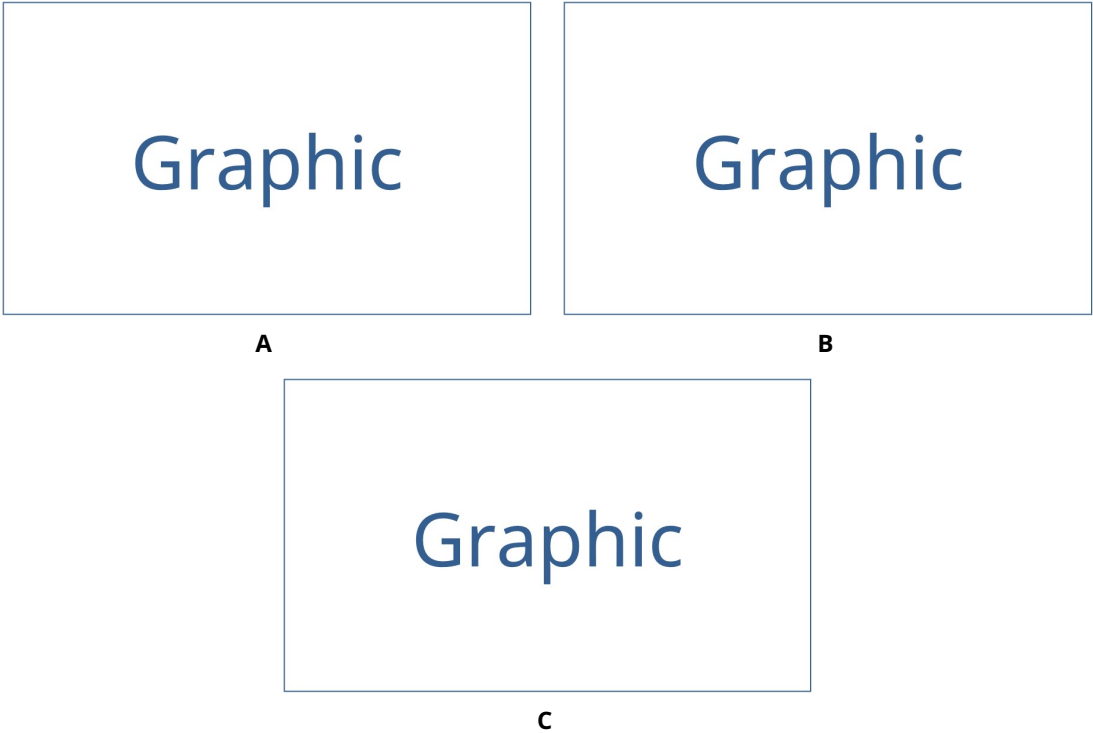


Figure 3 Figure caption.

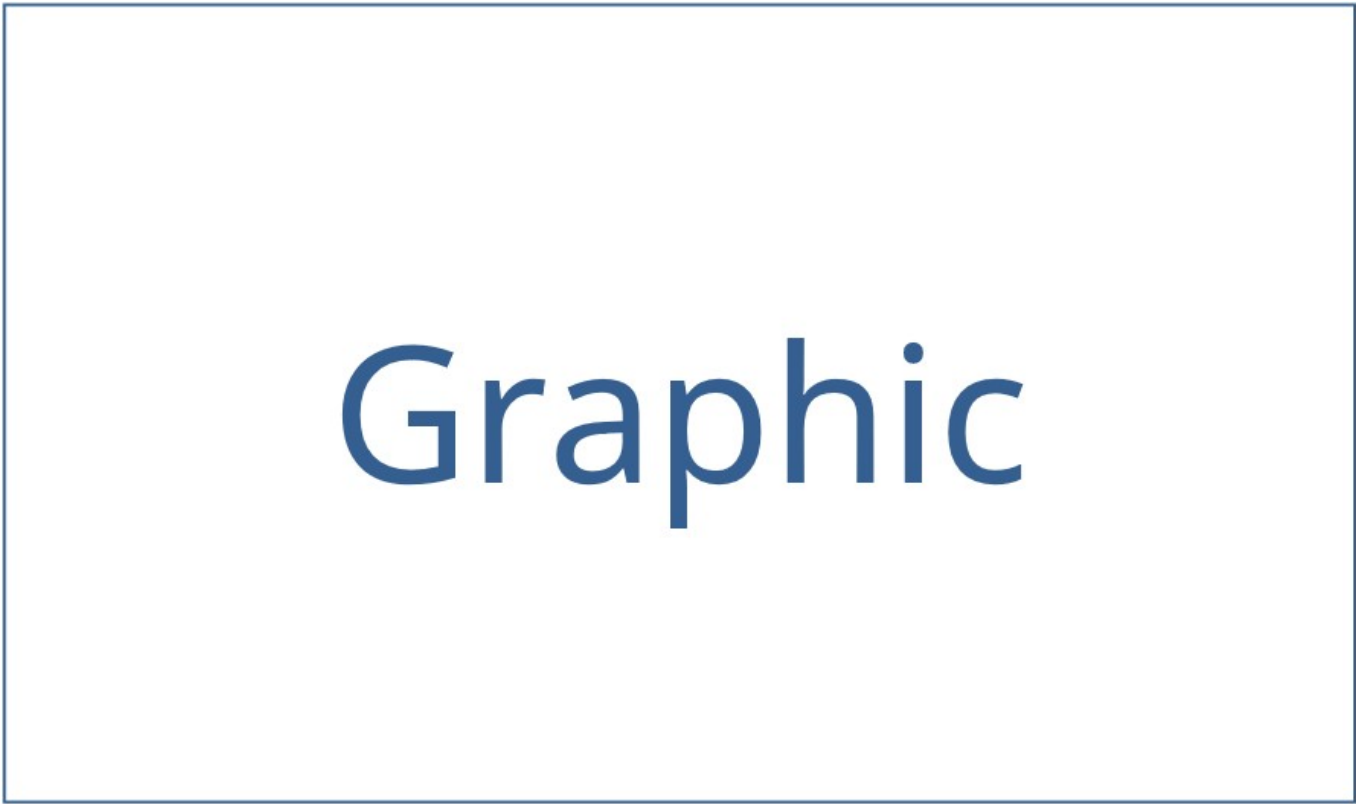


Figure 4 Figure caption.Figures should be placed in the main text near to the first time they are cited.

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26 **3. Results**

27 **3.1 Subtitle**

28 Main text.

29 **4. Discussion**

30 Main text.

31 **5. Conclusions (optional)**

32 Main text.

33 **Supplementary Materials**

34 The following supplementary materials are available on the website of this paper:

- 35 1. Non-Sentence Title of material 1. (e.g., Figure S1: Title).
36 2. Non-Sentence Title of material 2. (e.g., Table S1: Title).
37 3. Non-Sentence Title of material 3. (e.g., Video S1: Title).

38 **Abbreviations**

39 The following abbreviations are used in this manuscript:

- HIV Human immunodeficiency viruses
40 PAH Pulmonary arterial hypertension
mTOR Mechanistic target of rapamycin

41 **Declarations**

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43 If your work involves live subjects (human or animal), you must provide an appropriate ethical statement when submitting your manuscript.

45 Examples:

- 46 1. Ethical approval for this study was obtained from "Name of Ethics Committee
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50 3. Ethical approval was not sought for the present study because "Reason".
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72 no competing interests exist."

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78 **Author Contributions**

79 For research articles with several authors, please specify each author's contribu-
80 tion to this work respectively using the following statements:

81 Conceptualization: X.X. and Y.Y.; Methodology: X.X.; Software: X.X.; Validation:
82 X.X., Y.Y. and Z.Z.; Formal Analysis: X.X.; Investigation: X.X.; Resources: X.X.;
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85 Acquisition: Y.Y.

| Term | Definition |
|----------------------------|---|
| Conceptualization | Ideas; formulation or evolution of overarching research goals and aims |
| Methodology | Development or design of methodology; creation of models |
| Software | Programming, software development; designing computer programs; implementation of the computer code and supporting algorithms; testing of existing code components |
| Validation | Verification, whether as a part of the activity or separate, of the overall replication/ reproducibility of results/experiments and other research outputs |
| Formal analysis | Application of statistical, mathematical, computational, or other formal techniques to analyze or synthesize study data |
| Investigation | Conducting a research and investigation process, specifically performing the experiments, or data/evidence collection |
| Resources | Provision of study materials, reagents, materials, patients, laboratory samples, animals, instrumentation, computing resources, or other analysis tools |
| Data Curation | Management activities to annotate (produce metadata), scrub data and maintain research data (including software code, where it is necessary for interpreting the data itself) for initial use and later reuse |
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