

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. Results

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
Entry 1	data	data	data	data	data	data	data	data	data
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25 *2.2.2 The second type table*

Table 2 Table caption.

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Entry 1	data	data	data	data
Entry 2	data	data	data	data



Figure 1 Figure caption.



Figure 2 Figure caption.

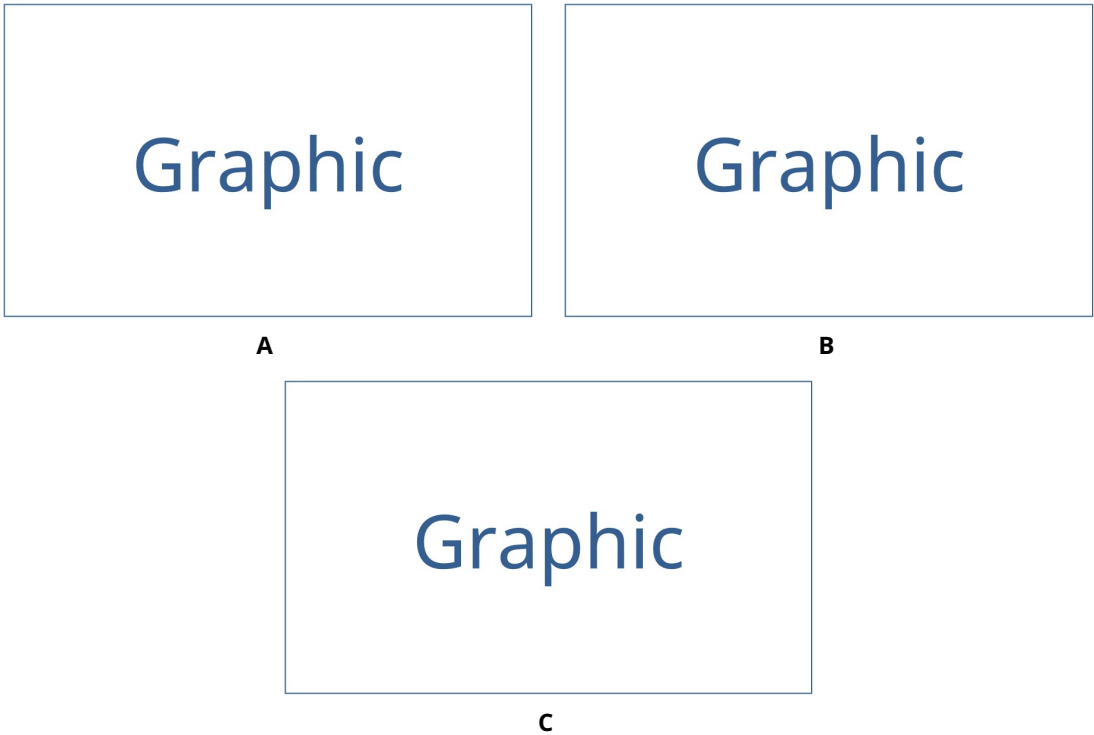


Figure 3 Figure caption.



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

* Note: Figures and tables should be labeled and cited in numerical order in the main text.

26 **3. Discussion**

27 **3.1 Subtitle**

28 Main text.

29 **4. Conclusions (optional)**

30 Main text.

31 **5. Materials and Methods**

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 |
| PAH | Pulmonary arterial hypertension |
| mTOR | Mechanistic target of rapamycin |

41 **Declarations**

42 **Ethics Statement**

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

45 Examples:

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- 47
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58 **Consent for Publication**

59 State that the informed consent for the publication of this study from the con-
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Data availability status	Recommended Data Availability Statement
Data available in a publicly accessi- ble repository	The original data presented in the study are openly available in [repos- itory name, e.g., FigShare] at [DOI/URL] or [reference/accession num- ber].
Data available on request due to re- strictions (e.g., privacy, legal or ethi- cal reasons)	The data presented in this study are available on request from the corresponding author due to (specify the reason for the restriction).
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Data sharing is not applicable (only appropriate if no new data is gener- ated or the article describes entirely theoretical research)	No new data were created or analyzed in this study. Data sharing is not applicable to this article
Data is contained within the article or supplementary material	The original contributions presented in the study are included in the article/supplementary material, further inquiries can be directed to the corresponding author/s.
Dataset available on request from the authors	The raw data supporting the conclusions of this article will be made available by the authors on request.

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69 State the organization(s) or foundation(s) that funded this research.

70 **Competing Interests**

71 Declare competing interests here if any, or state “The authors have declared that
72 no competing interests exist.”.

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76 or decisions related to this manuscript. The author has declared that no other
77 competing interests exist.

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.;
83 Data Curation: X.X.; Writing – Original Draft: X.X.; Writing – Review & Editing:
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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
Writing - Original Draft	Preparation, creation and/or presentation of the published work, specifically writing the initial draft (including substantive translation)
Writing - Review & Editing	Preparation, creation and/or presentation of the published work by those from the original research group, specifically critical review, commentary or revision – including pre-or postpublication stages
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Supervision	Oversight and leadership responsibility for the research activity planning and execution, including mentorship external to the core team
Project administration	Management and coordination responsibility for the research activity planning and execution
Funding acquisition	Acquisition of the financial support for the project leading to this publication

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100 **References**

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111 6. Inventor AB, Inventor CD, inventor; Assignee Name, assignee. Name of the invention. Patent number. Year.
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113 7. Author 1 AB, Author 2 CD. Article title [Internet]. City of the press: name of the press; year of update [cited
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