

Original Research

# Article Title

Firstname Lastname <sup>1,2,†,‡</sup>, Firstname Lastname <sup>1,3,‡</sup> and Firstname Lastname <sup>2,‡,\*</sup>

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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
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.

Title 1	Title 2	Title 3	Title 4	Title 5
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Entry 2	data	data	data	data



**Figure 1** Figure caption. Figures should be placed in the main text near to the first time they are cited.

Graphic

Figure 2 Figure caption.

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**

## 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:

46 1. Ethical approval for this study was obtained from "Name of Ethics Committee  
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48 2. Ethical approval for this study was waived by "Name of Ethics Committee or  
49 Institutional Review Board" because "Reason for Waiver".

50 3. Ethical approval was not sought for the present study because "Reason".

51 4. The "Institutional Review Board" determined that the protocol is considered  
52 exempt because "Reason" on "Date".

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## 63 **Availability of Data and Material**

64 State the source where the data supporting the findings are available. Authors  
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## 68 **Funding**

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

Data availability status	Recommended Data Availability Statement
Data available in a publicly accessible repository	The original data presented in the study are openly available in [repository name, e.g., FigShare] at [DOI/URL] or [reference/accession number].
Data available on request due to restrictions (e.g., privacy, legal or ethical 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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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.

70 **Competing Interests**

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

73 For example:

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75 Genetics and Genomics. The author was not involved in the journal’s review of  
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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:  
84 X.X.; Visualization: X.X.; Supervision: X.X.; Project Administration: X.X.; Funding  
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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References

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