

Original Research

Article Title

Firstname Lastname ^{1,2,†,‡}, Firstname Lastname ^{1,3,‡} and Firstname Lastname ^{2,‡,*}

1. Affiliation 1, address, City, Country; E-Mails:
2. Affiliation 2, address, City, Country; E-Mails:
3. Affiliation 3, address, City, Country; E-Mails:

‡ Current address: (if any)

‡‡ These authors contributed equally to this work. (if any)

* **Correspondence:** Firstname Lastname; Email(s):

Cite This Article:

Lastname, A, Lastname, B,
Lastname, AB. Title of this
article. Green Energy Sustain.
2025;0(0):0000.
<https://doi.org/10.47248>

Received: Date Month year

Accepted: Date Month year

Published: Date Month year

Copyright:

© 2025 by the author(s).
This is an Open Access article
distributed under the
[Creative Commons License
Attribution 4.0 International
\(CC BY 4.0\)](#) license, which
permits unrestricted use,
distribution, and reproduction
in any medium or format,
provided the original work is
correctly credited.

Publisher's Note:

Pivot Science Publications
remains neutral with regard
to jurisdictional claims in
published maps and
institutional affiliations.

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
Entry 2	data	data	data	data	data	data	data	data	data

25 *2.2.2 The second type table*

Table 2 Table caption.

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



Figure 1 Figure caption.



Figure 2 Figure caption.

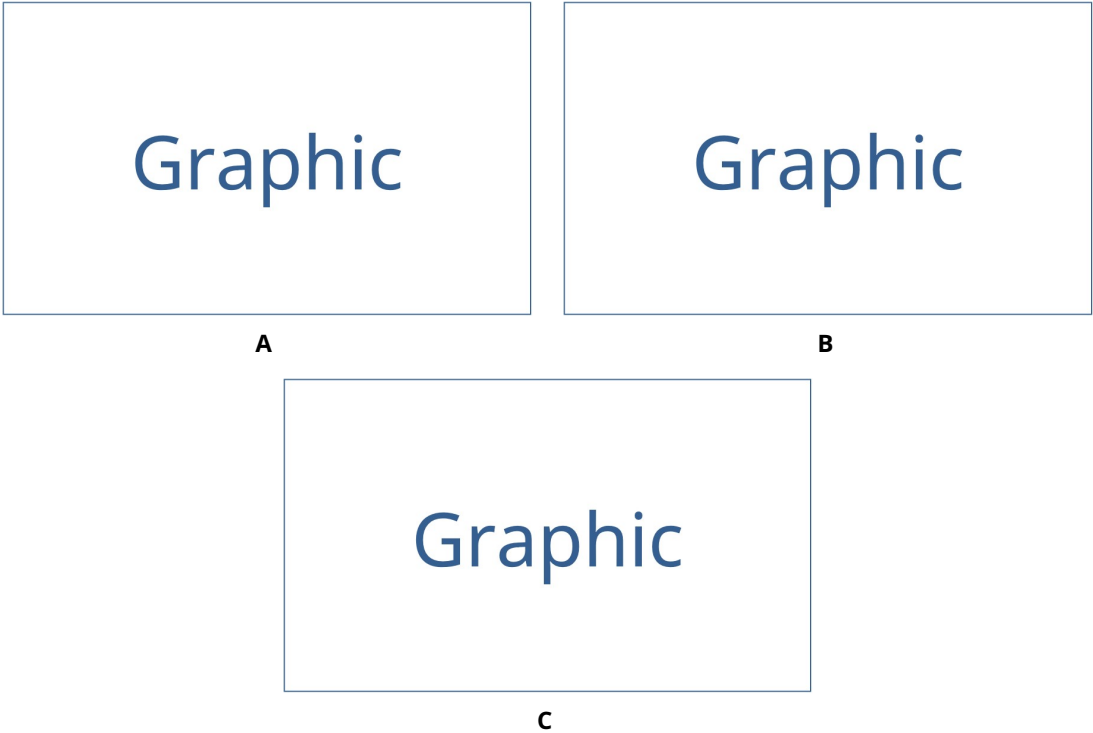


Figure 3 Figure caption.



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. 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 |
| 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 or Institutional Review Board (Approval Number/ID)”.
- 48 2. Ethical approval for this study was waived by “Name of Ethics Committee or 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 exempt because “Reason” on “Date”.
- 53 5. This research did not require Institutional Review Board Approval because “reason”.

55 If no human or animal subjects were used in this study, please state “Not applica-
56 ble” in this section.

57 Refer to [Guidelines for Authors](#) for more details of Research Ethics.

58 **Consent for Publication**

59 State that the informed consent for the publication of this study from the con-
60 cerned individual has been obtained.

61 If the manuscript does not contain data (details, images, or videos) from any
62 individual person, please state “Not applicable” in this section.

63 **Availability of Data and Material**

64 State the source where the data supporting the findings are available. Authors
65 who are unable to share their data must state that the data will not be shared,
66 and specify the reason accordingly.

67 If no data is contained in the manuscript, please just state ‘Not applicable’.

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).
3rd Party Data	Restrictions apply to the availability of these data. Data were obtained from [third party] and are available [from the authors/at URL] with the permission of [third party].
Embargo on data due to commer- cial restrictions	The data that support the findings will be available in [repository name] at [URL / DOI link] following an embargo from the date of publication to allow for commercialization of research findings.
Restrictions apply to the datasets	The datasets presented in this article are not readily available because [include reason, e.g., the data are part of an ongoing study or due to technical/ time limitations]. Requests to access the datasets should be directed to [text input].
Data derived from public domain re- sources	The data presented in this study are available in [repository name] at [URL/DOI], reference number [reference number]. These data were derived from the following resources available in the public domain: [list resources and URLs]
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.

68 **Funding**

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.”.

73 For example:

74 “Author” is a member of the Editorial Board of the journal Human Population
75 Genetics and Genomics. The author was not involved in the journal’s review of
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:
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
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
Visualization	Preparation, creation and/or presentation of the published work, specifically visualization/ data presentation
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

86 **Acknowledgments**

87 Acknowledge the people or organization(s) that have technically supported this
88 work, excluding fund provider.

89 **ORCID**

90 Please provide validated ORCID iDs of authors if any. All authors are encouraged
91 to register for an ORCID iD, which will be displayed in the published article. Learn
92 more at <http://www.orcid.org>.

93 **Graphic Abstract**

94 Provide a graphic as the Graphic Abstract here no later than resubmitting your
95 revised manuscript.

96 Description in words of the graphic is not necessary. The graphic itself should
97 reflect or highlight the essence of this study in an informative and attractive way.

98 This graphic must be entirely original created by the authors. Recommended in 8
99 cm X 8 cm, 300 dpi X 300 dpi.

100 **References**

- 101 1. Author 1 AB, Author 2 CD. (up to 6 authors before using "et al.") Article title. Abbreviated Journal Name. Year;
102 Volume: pages. (When page is not available, a DOI or other identifiers should be provided). (Journal Article)
- 103 2. Author 1 AB, Author 2 CD. Book title. 2nd ed. City of the Publisher: Name of the Publisher; Year of the
104 publication. (page p. or p. page range if any). (Complete Book/Book Chapters)
- 105 3. Author 1 AB, Author 2 CD. Title of the presentation. Proceedings of the Name of the Conference; Full Date of
106 Conference (Year Month Day); Location of Conference (City, State if US, Country). Location of the Publisher
107 (City): Name of the Publisher. Publication Year. (Conference Proceedings)
- 108 4. Author 1 AB, Author 2 CD. Report title. City of the report agency (state abbreviation if US): Name of the
109 agency; year of the report. Report number. Contract No. (Technical Report)
- 110 5. Author AB. Title of thesis. City of the University: Name of the university; year of completion. (Dissertation)
- 111 6. Inventor AB, Inventor CD, inventor; Assignee Name, assignee. Name of the invention. Patent number. Year.
112 (Patent)
- 113 7. Author 1 AB, Author 2 CD. Article title [Internet]. City of the press: name of the press; year of update [cited
114 date (year month day)]. Available from: URL. (Website)
- 115 8. Author 1 AB, Author 2 CD. Title of unpublished work. Abbreviated Journal. Forthcoming year. (Unpublished
116 Work)
- 117 9. Author 1 AB, Author 2 CD. Article title. Identifier [Preprint] Year of preprint [Full date of Citation]. Available
118 from: URL. (Preprint)
- 119 10. Author 1 AB, Author 2 CD. The paper title translated in English. Abbreviated Journal Name. Year; Volume:
120 pages. The original language. (Article not in English)