**Application Notes and Technology Spotlights**

**Title: concisely convey the main topic(s) of the research**

[***Suggestions: No more than 16 words. Titles are often used in information-retrieval systems. Avoid abbreviations and formulae where possible***]

**Forename Surname1, Forename Surname1,2, Forename Surname3**

1Department, Institution, City Postcode, Country.

2Department, Institution, City, State Postcode, Country.

3Department, Institution, City Postcode, Province, Country.

**Correspondence to:** Prof./Dr. Forename Surname, Department, Institution, Detailed Address, City Postcode, Country. E-mail: xxxx@xxxx.xxx; ORCID: xxxx

**Received: date month year**

[e.g., 1 Jan 2025]

**How to Use This Template**

***This template shows the manuscript structure that can be used in a research article: Abstract, Keywords, Introduction, Experimental, Results and discussion, Conclusions, Declarations and References. Please note that each part has a corresponding style, which authors should follow. Please note that the fonts in gray show writing requirements. For any questions, you may contact the editorial office.***

**Abstract**

[***Suggestions: No more than 250 words. No citations. Define abbreviations at their first mention.***]

Abstract is a brief summary of an article, which helps the readers quickly ascertain the paper’s main content. In this part, authors may mention writing purpose, experimental methods, results and their significance in this research field, *etc*.

**Keywords:** Chemical compounds, natural products, polymers, catalysis, high performance liquid chromatography

**[*Please suggest 3-6 keywords which can be used for describing the content of the manuscript and will enable the full text of the manuscript to be searchable online.*]**

**INTRODUCTION**

The introduction is a beginning section of a manuscript which states the purpose of the study, overviews or summarizes previous findings and progress related to this study, and indicates its significance in this research field. It is generally followed by the body and discussion.

**METHODS / TECHNOLOGY DESCRIPTION**

In this section, authors should provide a clear, detailed, and reproducible account of the method or technology presented. The description should include the underlying principles or theoretical basis, step-by-step procedures or workflows, key components or algorithms, and any assumptions made. Authors are expected to specify data sources, parameter settings, materials, or tools used, as well as software and implementation details where relevant. Figures, flowcharts, or pseudocode may be included to illustrate the workflow. The level of detail should be sufficient to allow independent replication by other researchers.

**Level 2 heading**

*Level 3 heading*

***Tips:***

* ***All drugs and chemicals used, including generic name(s), dose(s), and route(s) of administration, should be identified precisely;***
* ***When reporting studies on human beings or animals, authors should strictly follow the Helsinki Declaration (available at <http://www.wma.net/en/30publications/10policies/b3/>) and other related publishing ethical standards.***

**APPLICATIONS AND ADVANTAGES**

This section demonstrates the practical applications of the method or technology and highlights its advantages over existing approaches. Authors may provide case studies, performance analyses, or comparisons with related techniques to emphasize utility and benefits. Subheadings may be used to organize different applications or scenarios. Table 1 (other forms: Tables 1 and 2; Tables 1-3), Equation (1) [other forms: Equations (2) and (3); Equations (4-6)] and Figure 1 (other forms: Figure 1A and B; Figure 2A-C; Figures 1 and 2A; Figures 1, 2A and 3-5) illustrate how results can be effectively presented. All tables, equations, and figures should be cited in sequence in the main text at their first mention. For supplementary material, authors may cite items as Supplementary Table 1, Supplementary Equation (1), or Supplementary Figure 1. For details, please refer to the **[Supplementary Material Template](https://f.oaes.cc/files/tpl/IONs/Template_for_Supplementary_Material_ions.docx)**.

.

***Tips:***

* ***Results should be presented in a logical sequence;***
* ***Avoid redundant explanations to all the data from the tables or illustrations.***

**Table 1. This is a table caption. A summary description of this table should be written here**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Authors** | **Regimen** | ***n*** | **Age (year)** | **CR (%)** | **2-year (3-year) EFS/PFS (%)** | **2-year (3-year) OS (%)** |
| Our current study | CHOPCVP | 25167 | 17-8245-87 | 69.829.9\* | 55.3 (46.0)18.0 (12.0)\* | 58.0 (52.0)25.0 (19.0)\* |
| Khaled *et al.*[1] | CHOP | 40 | 19-75 | 67 | 54 (54) | 82 (71) |
| Burton *et al.*[2] | CHOPCIOP | 105106 | 22-6625-67 | 7052 | 4-year PFS: 564-year PFS: 40\* | 4-year OS: 654-year OS: 56# |

This part is footer. \**P* < 0.05, #*P* ≥ 0.05. EFS: event-free survival; PFS: progression-free survival; OS: overall survival; CHOP: cyclophosphamide, doxorubicin, vincristine, and prednisone; CVP: cyclophosphamide, vincristine, and prednisone; CIOP: cyclophosphamide, idarubicin, vincristine, and prednisone; CR: complete response. This table is cited with permission from Li *et al*.[1] published in xxx.

***Table notes:***

* ***Tables should be cited in numeric order and placed after the paragraph where it is first cited;***
* ***The table caption should be placed above the table and labeled sequentially (e.g., Table 1, Table 2);***
* ***Tables should be provided in editable form like DOC or DOCX format (picture is not allowed);***
* ***Abbreviations and symbols used in table should be explained in footnote;***
* ***Explanatory matter should also be placed in footnotes;***
* ***Non-English words should be avoided;***
* ***Permission for use of copyrighted materials from other sources, including re-published, adapted, modified, or partial tables from the internet, must be obtained. It is authors’ responsibility to acquire the licenses, to follow any citation instruction requested by third-party rights holders, and cover any supplementary charges.***

|  |  |
| --- | --- |
|  | (1) |

***Equation note:***

* ***Equations should be provided in editable form (image file format is not allowed).***

|  |  |
| --- | --- |
| **A** | 图二(清晰版)**B** |
| **C** |

**Figure 1.** We present examples of electron micrograph, non-editable and editable images in Figure 1A-C. A: description of what the Figure 1A is; B: description of what the Figure 1B is; C: description of what the Figure 1C is. This figure is quoted with permission from XX *et al*.[2]

***Figure notes:***

* ***Figures should be cited in numeric order (e.g., Figure 1, Figure 2) and placed after the paragraph where it is first cited;***
* ***Figures can be submitted in format of tiff, psd, AI or jpeg, with resolution of 300-600 dpi;***
* ***Diagrams with describing words (including, flow chart, coordinate diagram, bar chart, line chart, and scatter diagram, etc.) should be editable in word, excel or powerpoint format. Non-English information should be avoided;***
* ***Labels, numbers, letters, arrows, and symbols in figure should be clear, of uniform size, and contrast with the background;***
* ***Symbols, arrows, numbers, or letters used to identify parts of the illustrations must be identified and explained in the legend;***
* ***Internal scale (magnification) should be explained and the staining method in photomicrographs should be identified;***
* ***All non-standard abbreviations should be explained in the legend;***
* ***Authors should pay attention to the protection of patients’ rights, such as privacy and portrait, and obtain signed patient consent from authors before using any personal information of patients. The patient’s portrait with full characters and his/her real name is not allowed for use;***
* ***Permission for use of copyrighted materials from other sources, including re-published, adapted, modified, or partial figures and images from the internet, must be obtained. It is authors’ responsibility to acquire the licenses, to follow any citation instruction requested by third-party rights holders, and cover any supplementary charges.***

**CONCLUSIONS**

In this part, authors should conclude the significance of the study, emphasize its value and state expectation on future studies that may need to be carried out. In details, it may include summary of key findings, strengths and limitations of the study, controversies raised by this study, and future research directions, *etc*.

***Tips:***

* ***Avoid redundant explanations to data or other materials given in the Introduction or the Results section;***
* ***Contributors should avoid making statements on economic benefits and costs except for economic data and analyses that serve as an integral part of the manuscript.***

**DECLARATIONS**

**Acknowledgments**

Anyone who contributed towards the article but does not meet **[the criteria](http://www.icmje.org/recommendations/browse/roles-and-responsibilities/defining-the-role-of-authors-and-contributors.html)** for authorship, including those who provided professional writing services or materials, should be acknowledged. Authors should obtain permission to acknowledge from all those mentioned in the Acknowledgments section. This section is not added if the author does not have anyone to acknowledge.

**Authors’ contributions**

Single author:

The author contributed solely to the article.

Two or more authors:

Made substantial contributions to conception and design of the study and performed data analysis and interpretation: Salas H, Castaneda WV;

Performed data acquisition, as well as provided administrative, technical, and material support: Castillo N, Young V

**Availability of data and materials**

Authors should declare where the data supporting their findings can be found. Data can be deposited into data repositories or published as supplementary information in the journal. Authors who cannot share their data should state that the data will not be shared and explain it.

If a manuscript does not involve such issue, please state “Not applicable.” in this section.

**Financial support and sponsorship**

If there are sources of funding for the study reported, any relevant grant numbers and the link of funder’s website should be provided if any. The role of the funding body in the experiment design, collection, analysis and interpretation of data, and writing of the manuscript should be declared:

This work was supported by Grant name XX (No. XXXX; No. XXX)...

If there is no grant:

None.

**Conflicts of interest**

If there are any potential conflicts of interest that may be perceived as inappropriately influencing the representation or interpretation of reported research results, please declare here.

If not, please write as “All authors declared that there are no conflicts of interest.”.

Some authors may be bound by confidentiality agreements. In such cases, in place of itemized disclosures, we will require authors to state “All authors declare that they are bound by confidentiality agreements that prevent them from disclosing their conflicts of interest in this work.”.

If authors are unsure whether conflicts of interest exist, please refer to the “Conflicts of Interest” in the **[Editorial Policies](https://www.oaepublish.com/ions/editorial_policies)** of *Iontronics* for a full explanation.

**Ethical approval and consent to participate**

Research involving human subjects, human material or human data must be performed in accordance with the **[Declaration of Helsinki](https://www.wma.net/policies-post/wma-declaration-of-helsinki-ethical-principles-for-medical-research-involving-human-subjects/)** and approved by an appropriate ethics committee. An informed consent to participate in the study should also be obtained from participants, or their parents or legal guardians for children under 16. A statement detailing the name of the ethics committee (including the reference number where appropriate) and the informed consent obtained must appear in the manuscripts reporting such research.

Studies involving animals and cell lines must include a statement on ethical approval. More information is available at **[Editorial Policies](https://www.oaepublish.com/ions/editorial_policies)**.

If the manuscript does not involve such issue, please state “Not applicable.” in this section.

**Consent for publication**

Manuscripts containing individual details, images or videos, must obtain consent for publication from that person, or in the case of children, their parents or legal guardians. If the person has died, consent for publication must be obtained from the next of kin of the participant. Manuscripts must include a statement that a written informed consent for publication was obtained. Authors do not have to submit such content accompanying the manuscript. However, these documents must be available if requested.

If the manuscript does not involve this issue, state “Not applicable.” in this section.

**Copyright**

© The Author(s) 2025.

**REFERENCES**

Authors should cite references in sequence throughout the manuscript and indicate them in a superscript square bracket with one citation number[3], two separate citation numbers[4,5] or several consecutive citation numbers[6-9].

* ***We suggest that authors should cite appropriate, traceable and latest references be within recent 5 years;***
* ***Each reference should have a corresponding DOI number/website link;***
* ***If there are six authors or less, please list all the authors; If there are more than six authors, please list the first three authors with et al.;***
* ***The names of journals should be abbreviated according to the style used in Index Medicus (*<http://www2.bg.am.poznan.pl/czasopisma/medicus.php?lang=eng>*)****.* ***The names of journals should be Italic.***

Examples of references are shown below:

**Journal articles by individual authors**

Weaver, D. L.; Ashikaga, T.; Krag, D. N. Effect of occult metastases on survival in node-negative breast cancer. *N. Engl. J. Med.* **2011**, *364*, 412-421. DOI: 10.1056/NEJMoa1008108

**Organization as author**

Diabetes Prevention Program Research Group. Hypertension, insulin, and proinsulin in participants with impaired glucose tolerance. *Hypertension* **2002**, *40*, 679-686. DOI: 10.1161/01.HYP.0000035706.28494.09

**Both personal authors and organization as author**

Vallancien, G.; Emberton, M.; Harving, N.; van Moorselaar, R. J.; Alf-One Study Group. Sexual dysfunction in 1,274 European men suffering from lower urinary tract symptoms*. J. Urol.***2003**, *169*, 2257-2261. DOI: 10.1097/01.ju.0000067940.76090.73

**Journal articles not in English**

Zhang X.; Xiong H.; Ji T. Y.; Zhang Y. H.; Wang Y. Case report of anti-N-methyl-D-aspartate receptor encephalitis in child. *J. Appl. Clin. Pediatr.* **2012**, *27*, 1903-1907. (in Chinese)

**Journal articles ahead of print**

Odibo, A. O. Falling stillbirth and neonatal mortality rates in twin gestation: not a reason for complacency. *BJOG*. **2018**, Epub ahead of print [DOI: 10.1111/1471-0528.15541]

**ebook**

Hammond, C. *The Basics of Crystallography and Diffraction*, 4th ed.; Oxford University Press, 2015. DOI: 10.1093/acprof:oso/9780198738671.001.0001

**Book in print**

Frankel, F. *Picturing Science and Engineering*; MIT Press, 2018.

**ebook chapter**

Hammond, C. Crystal Symmetry. In *The Basics of Crystallography and Diffraction*, 4th ed.; International Union of Crystallography Texts on Crystallography, Vol. 21; Oxford University Press, 2015; pp 99−134. DOI: 10.1093/acprof:oso/9780198738671.003.0004

**ebook with editors**

*Mom the Chemistry Professor: Personal Accounts and Advice from Chemistry Professors Who Are Mothers*, 2nd ed.; Woznack, K., Charlebois, A., Cole, R. S., Marzabadi, C. H., Webster, G., Eds.; Springer, 2018. DOI: 10.1007/978-3-319-78972-9

**ebook series**

Gaede, H. C. Professional Development for REU Students. In *Best Practices for Chemistry REU Programs*; Griep, M. A, Watkins, L., Eds.; ACS Symposium Series, Vol. 1295; American Chemical Society, 2018; pp 33−44. DOI: 10.1021/bk-2018-1295.ch003

**Thesis or dissertation**

Cable, M. L. Life in Extreme Environments: Lanthanide-Based Detection of Bacterial Spores and Other Sensor Design Pursuits. Ph.D. Dissertation, California Institute of Technology, Pasadena, CA, 2010. http://resolver.caltech.edu/CaltechTHESIS:05102010-145436548 (accessed 2019-09-10).

**Thesis or dissertation in print**

Enander, R. T. Lead particulate and methylene chloride risks in automotive refinishing. Ph.D. Thesis, Tufts University, Medford, MA, 2001.

**Website**

*World Health Organization Home Page*. https://www.who.int/ (accessed 2019-02-21).

**Newspaper**

Beauge, J. School district sued over burns girl suffered during chemistry class demonstration. *PennLive (Harrisburg, PA)*, November 17, 2018, updated November 17, 2018. https://www.pennlive.com/news/2018/11/school\_district\_sued\_over\_burn.html (accessed 2019-02-22).

**Conference abstract**

Okita, J.; Iwamoto, T.; Kira, M. Novel synthetic route for hydrosilyllithiums. In *Book of Abstracts, 2000 International Chemical Congress of Pacific Basin Societies (PACIFICHEM 2000)*, Honolulu, HI; Paper INOR 216.

**Conference proceedings**

Nilsson, A.; Petersson, F.; Persson, H. W.; Jönsson, H.; Laurell, T. Manipulation of suspended particles in a laminar flow. In *Micro Total Analysis Systems 2002, Proceedings of the μTAS 2002 Symposium*, Nara, Japan, November 3−7, 2002; Baba, Y., Shoji, S., van den Berg, A., Eds.; Kluwer Academic Publishers: Dordrecht, The Netherlands, 2002; Vol. 2, pp 751−753. DOI: 10.1007/978-94-010-0504-3\_50

**Database**

*SpectraBase*. Bio-Rad Laboratories. https://spectrabase.com/ (accessed 2020-01-05).

**Patent**

Stern, M. K.; Cheng, B. K. M. Process for preparing N-(p-nitroaryl)amides via reaction of nitrobenzene with nitriles. US 5380946, 1995.

**Preprint**

Yamamoto T. S.; Inui R.; Tada Y.; Yokoyama S. Prospects of detection of subsolar mass primordial black hole and white dwarf binary mergers. *arXiv* **2004**, arXiv:2401.00044. Available online: https://arxiv.org/abs/2401.00044 (accessed 29 December 2023).