INSTRUCTIONS TO AUTHORS

The International Journal of Life Sciences Scientific Research (www.ijlssr.com) is a Bimonthly published online Scientific Research Journal, which publish full research articles, reviews, mini-reviews, short communications, case report and notes dealing with Life Sciences and Medical Sciences. All articles are subjected to rapid peer review. Those of high quality (not previously published and not under consideration for publication in another journal in any form) will be published.

International Journal of Life-Sciences Scientific Research (IJLSSR) **publishes** the following types of Articles:

1. Original Research Articles
2. Review Articles
3. Mini-Reviews
4. Short Communications
5. Case Report
6. Notes/ Others

ORIGINAL RESEARCH ARTICLES FORMAT

Research articles should not be more than 12 pages. The accepted format of all article is **MS Word (2003, 2007 or above)** with **English** language only. Illustrations (Figures & Tables) and images must be inserted in the article at the appropriated position, where they should appear when published.

PREPARATION OF RESEARCH ARTICLE

Research article should be concisely typewritten in 1.5 spaces in A4 sized paper size with 1 inch margins (each side). The research article shall be prepared in Times New Roman using a font size of 12. All section titles in the article shall be in font size 12, bold face capitals and subtitles in each section shall be in font size 12, bold face lower case. Standard International Units should be used throughout the text. **For citation**/references, follow the journal style. It should be numbered in the text consecutively, **like [1], [2]** etc **formatted in superscript**. It should be arranged in the following order-

1. Title Page
2. Abstract & Keywords
3. Introduction
4. Materials and Methods

TITLE PAGE

The title should be as bold face lower case (font size 14) & short as possible on the first page and provide precisely indicate the nature of the work in the communication. **Names of the authors full name including designation, department, affiliation, and E-mail address** in normal face, upper case (font size 12) followed by mentioning "*Address For correspondence" at the bottom left corner of the title page. If any of the co-authors are from different organizations, their addresses too should be mentioned and indicated using numbers after their names. Maximum 5 authors should be allowed. **The Corresponding Author the articles must be marked with an asterisk***. In addition, the corresponding author must include E-mail address at the bottom left corner of the title page.

ABSTRACT

Abstract should start on a new page after the title page and should be typed in single-space to distinguish it from the Introduction. **Abstracts should briefly reflect all aspects of the study, as most databases list mainly abstracts** and **references should be avoided**. The abstract section should not exceed more than 250 words.

Keywords- Must provide 5-7 appropriate keywords after the abstract section.

INTRODUCTION

The introduction should not be an extensive literature review although it should provide sufficient background information for the reader to understand and evaluate the results of the present study.

MATERIALS AND METHODS

Describe the materials used in the experiment, department, place, month, year of experimentation etc in the separate first paragraph. Followed by describe the methodology (with references) implied for collection of data in short in next paragraph.

Statistical Analysis

Every article that contains statistical testing should state the name of the statistical test, the n value for each statistical analysis, the comparisons of interest, a justification for the use of that test (including, for example, a discussion of the normality of the data when the test is appropriate only for normal data), the alpha level for all tests, whether the tests were one-tailed or two-tailed, and the actual P value for each test (not merely "significant" or "p

< 0.05"). It should be clear what statistical test was used to generate every p-value. Use of the word "significant" should always be accompanied by a p-value; otherwise, use "substantial," "considerable," etc.

Data sets should be summarized with descriptive statistics, which should include the n value for each data set, a clearly labelled measure of centre (such as the mean or the median), and a clearly labelled measure of variability (such as standard deviation or range). Ranges are more appropriate than standard deviations or standard errors for small data sets. Graphs should include clearly labelled error bars. Authors must state whether a number that follows the ± sign is a standard error (SE) or a standard deviation (SD).

Authors must justify the use of a particular test and explain whether their data conform to the assumptions of the tests. Three errors are particularly common:

- Multiple comparisons: When making multiple statistical comparisons on a single data set, authors should explain how they adjusted the alpha level to avoid an inflated Type I error rate, or they should select statistical tests appropriate for multiple groups (such as ANOVA rather than a series of t-tests).
- Normal distribution: Many statistical tests require that the data be approximately normally distributed; when using these tests, authors should explain how they tested their data for normality. If the data do not meet the assumptions of the test, then a non-parametric alternative should be used instead.
- Small sample size: When the sample size is small (less than about 10), authors should use tests appropriate to small samples or justify their use of large-sample tests.

RESULTS

This segment should be described as concisely as possible in one of the following ways: **text, table(s), figure(s), or graph(s)**. The reproducibility and statistical significance of measurements, material or biological data, must be included where relevant.

DISCUSSION

The Discussion should provide an interpretation of the results and their significance with regard to previously published study. There should not be any significant repetition of the experimental procedures or reiteration of the introduction.

CONCLUSIONS

This should state clearly the main conclusions of the research and give a clear explanation of their importance and relevance. A short, paragraph summarizing the most important finding(s) of the research is required. The conclusions section should not exceed more than 150 words.

Add some lines of future prospects and implications at the end of conclusion section and it must be started with new paragraph.

ACKNOWLEDGEMENTS

The source of any financial support, gifts, technical assistance and advice received for the work being published must be indicated in the Acknowledgments section.

CONTRIBUTION OF AUTHORS

The IJLSSR recommends that authorship be based on the following 6 criteria: Substantial contributions to the conception or design of the work, Data collection, Data analysis and interpretation for the work, Drafting of the article, Critical revision of the article for important intellectual content, and Final approval of the version to be published.

REFERENCES

The authors are responsible for the accuracy of the bibliographic information (references). It should be numbered consecutively in the order in which they are first mentioned in the text (not in alphabetic order). A list should be included on separate 1.5 spaced pages at the end of the text. For the proper abbreviations of the journal titles, refer to "Chemical Abstracts". The style and punctuation of the references should confirm to the following examples:

Journal references

1. Sinha P, Singh SK, Singh A. Title of article. Int. J. Life. Sci. Scienti. Res., 2015; 4(7): 2900-2906.

    Books

    Beyer WF, Fridovich I. A Text Book of Medical Biochemistry. 2nd ed., Germany; LAP Lambert Academic publishing: 2013; pp. 13-33.

    Patents

    Simon, O, Vahjen, W, Scharek L. US Patent, US 6291319, 2006.

    Websites

    Cancer-Pain.org [Internet]. New York: Association of Cancer Online Resources, Inc.; c2000-01 [updated 2002 May 16; cited 2002 Jul 9]. Available from: http://www.cancer-pain.org/.

    Tables

    Tables should be numbered consecutively **(Table 1, Table 2 etc)** and each table must be placed on appropriated position. Each table should be typed using a table format only. (i.e., each variable must be typed into a separate cell in the table) with only horizontal lines above and below the table column headers and at the bottom of the table. No vertical lines should be included in any table. The title should be typed at the top of the table in the sentence case format, i.e., only the first name should be in capital letters; as appropriate. Any Foot note should be typed at the bottom of the table in italic.

    Tables that include statistical analysis of data should describe their standards of error analysis

and ranges in a table legend.

Illustrations and Figures

Figures must be numbered independently of tables, multimedia, and 3D models and cited as the relevant point in the article text, **e.g. "Fig. 1", "Fig. 2",** etc. All figures including photographs should be numbered consecutively in Arabic numerals in the order of their appearance in the text and bear a brief title in lower case bold face letters below the figure. **Do not duplicate data by presenting it both in the text and in a figure.** For any figure directly extracted from previously published materials, you must have written permission from the publisher of that figure for reprint use. A copy of that permission release must be submitted with your article.

REVIEW ARTICLES

Review articles should not be more than 12 pages and must contain comprehensive coverage of relevant literature. Review articles should preferably be written by scientists who have in-depth knowledge of the topic. All format requirements are similar to those applicable to Original research articles.

SHORT COMMUNICATIONS

The research and technical communications section of this journal (maximum 1,500 words) is open to interesting results worthy of publication without requiring extensive introduction and discussion. This portion should be organized as follows: Abstract, Introduction, Materials and methods, Results and discussion (combined). Not more than 10-15 references should be mentioned. Tables, figures and references are to be arranged in the same way as for original research articles. Brevity of presentation is essential for this section.

CASE REPORTS

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2. It is not currently being considered for publication by another journal.
3. If the article is accepted, it will not be subsequently published in the same or similar form

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Notes: All main heading must be in capital.

In sub-heading, text must be started with same line.

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