Paper title must be concise and informative; use Times New Roman, bold, 20 pt, 1.5-line space, centered; only the first letter of the first word capitalized

Surname\textsuperscript{a} X. Y., Surname\textsuperscript{a} X. Y., Surname\textsuperscript{a} X. Y.

\textsuperscript{a}Authors affiliations/Home institution/Department, Postal code, City, State, Country

\textit{e-mail address of the corresponding author@xxxx.xxx}

\section*{ABSTRACT}

These instructions are guidelines for preparing a paper for BJRS. Type here the text of your abstract in English. Abstracts should be limited to 250 words in a one-paragraph format. Please use Times New Roman, 10 pt, Bold, 1.5-line spacing. Paragraph format should be justified. Please include a list of three to five keywords, according to DeCS recommendations and separated by commas.

\textit{Keywords:} keyword 1, keyword 2, keyword 3.
1. **INTRODUCTION**

Introduction must clearly explain the context of the article. State the precise objective and hypothesis to be discussed.

The first line of each paragraph should start at 0.63 cm of the left margin, as shown in this template.

Leave one blank line before and after the first level headings. First headings should be numbered with Arabic numerals and typed in Times New Roman, 14 pt, bold, capital letters.

The manuscript should be formatted as A4 paper (212 x 297 mm), with margins of 2 cm (left and right) and 4 cm (top and bottom); use 1.5-line spacing and 12-point Times New Roman throughout the paper. All paragraphs must be indented and justified.

Authors should review and approve the final paper and take collective responsibility for submitted and published work. Final files must not be larger than 8 MB. Recommended length of a submitted paper is 4 to 18 pages.

2. **MATERIALS AND METHODS**

Authors should describe materials, experimental data, and associated protocols with sufficient detail to allow other researchers to replicate the study. The International System of Units (SI) should be used for units and symbols.

Abbreviations and acronyms must be defined the first time they are used in the full text, even if they had been used in the abstract.

2.1. **Heading 2**

Leave one blank line before the second level headings. Use 3pt space after the second level headings. Second level headings should be numbered with Arabic numerals and typed in Times New Roman, 12 pt, bold, only the first letter of the first word capitalized. Avoid using more than two heading levels.
3. RESULTS AND DISCUSSION

Results and Discussion may be combined into a single section or presented in two separate sections. In this section the author should present results and discuss the findings.

Figures should be centralized in the page, as showed in the Figure 1 of the present example. Titles must be placed above the figures. Use Times New Roman, 12 pt, italic and simple line spacing. Place picture sources below the figures. Figures should be inserted in JPG or PNG format, with a high enough resolution to be easily viewed on a regular screen monitor. Nevertheless, be aware that the higher the resolution, the larger the final file.

**Figure 1: Brazilian Society on Radiation Protection** logo

![Brazilian Society on Radiation Protection logo](source: SBPR website)

Tables should be presented as shown in Table 1. Titles must be placed above. Tables are numbered with Arabic numerals. Please note that there are no vertical lines. Use regular font Times New Roman, 12 pt, simple line spacing and centered text on the columns, for texts and numbers. Column headings should be written with Times New Roman 12 pt, bold, simple line spacing and centered text. Row labels should be written with Times New Roman 12 pt, bold is optional, simple line spacing and left aligned text.
Table 1: Title must be clear and concise

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All tables and figures must be referred to in the main body of the text, before be presented. The title should clearly and concisely reflect the content of the table. Avoid using tables with too little information, which could easily be written into the text.

Equations should be centered in the line and sequentially numbered according to the following example:

\[ Y = ax + b \] (1)

4. CONCLUSION

The conclusion should include the main points of the article, reflecting the problem statements and the objectives. The conclusion may also summarize the implications of your findings and suggest further research.

ACKNOWLEDGMENT

This section is optional and not numbered. The Acknowledgment should be placed after the last numbered section. It may include names of individuals and institutions who have contributed technically to the article. BJRS/SBPR strongly encourages you to provide sponsors names, funding sources and project codes. References to family members, political and religious institutions or entities will not be accepted.

References should be mentioned in the text in sequential Arabic numerals between slashes (numerical system as provided by ABNT NBR 10520), e.g., “Dosage determinations using
radioactive isotopes have been previously described [1]...”. If more than one reference is cited, they must be separated by commas. For example, "(...) are some examples of radiological quantities [2,3]". In the case of a sequence of references, the range may be used: "according to the references given [1–6]". The term “et al.” can be used when citing a reference in the text that has more than three authors. For example, "(...) according to Souza et al. chromosomal changes are expected [7]". The reference section is not numbered. The reference list should be numbered consecutively in the same order in which they are first mentioned in the article. Please follow the standard format suggested in this template for each type of reference, as shown in the list below. After the REFERENCES, keep the text related to the Creative Commons Attribution 4.0 International License, as transcribed at the end.

REFERENCES


