

Scope and Policy

The purpose of the Brazilian Journal of Medical and Biological Research is to publish the results of original experimental research that contribute significantly to knowledge in medical and biological sciences. Major criteria for acceptance are scientific quality, originality, and conciseness. Preference will be given to manuscripts that develop new concepts or experimental approaches and are not merely repositories of data. Papers that report negative results require special justification for publication. Methodological papers shall be considered for publication provided they describe new principles or a significant improvement of an existing method.

The following papers will not be accepted for publication

- Studies on people not approved by an accredited Ethics Committee or without written informed consent from the subject or legal guardian.
- Studies on animals not approved by an accredited Ethics and Animal Care Committee.
- Manuscripts that report preliminary results or only confirm previously reported results.
- Manuscripts that describe the pharmacokinetics, bioavailability and toxicity of drugs in people or animals.
- Manuscripts that deal with transcultural adaptation and validation of instruments of measurements.
- Manuscripts that translate a text published in another language and validate it on local patients.
- Manuscripts that use questionnaires translated from the language of another country and their validation in local patients.
- Manuscripts that present only in silico analysis.
- Manuscripts from the area of veterinary medicine.

Publication Charges

The authors are responsible for "publication charges" of all accepted papers. Publication charges will be billed to the Corresponding Author when the paper is accepted.

The charge is R\$3.300,00/paper for Brazilian authors and US\$1600.00/paper for authors outside Brazil and is independent of the length of the paper.

The Journal does not provide reprints to corresponding authors. They will receive a CD containing the issue in which their article is published. There is no charge for figures in color. Please contact Reinaldo de Souza (bjournal@terra.com.br) if you have any questions.

Preparation of Research Manuscripts

The Brazilian Journal of Medical and Biological Research publishes original research articles of outstanding scientific significance. Manuscripts must be submitted in English. We will consider manuscripts of any length; we encourage the submission of both substantial full-length bodies of work and shorter manuscripts that report novel findings that might be based on a limited number of experiments. The key criteria are that the research clearly demonstrates its novelty, its importance to a particular field as well as its interest to those outside that discipline, and conclusions that are justified by the data.

Authorship requirements

Only those persons who contributed directly to the intellectual content of the paper should be listed as authors. Authors should meet all of the following criteria, thereby allowing persons named as authors to take public responsibility for the content of the paper.

- Conceived, planned and carried out the experiments that led to the paper or interpreted the data it presents, or both.
- Wrote the paper, or reviewed successive versions.
- Approved the final version.
- Holding positions of administrative leadership, contributing patients, and collecting and assembling data, however important to the research, are not by themselves criteria for authorship. Other persons who have made substantial, direct contributions to the work but cannot be considered authors should be cited in the Acknowledgment section, with their permission, and a description of their specific contributions to the research should be given.

Cover Letter

It is important that you include a cover letter with your manuscript. Take the time to consider why this manuscript is suitable for publication in the Brazilian Journal of Medical and Biological Research. Why will your paper inspire the other members of your field, and how will it drive research forward? Please explain this in your cover letter.

The cover letter should also contain the following information:

- Title of article.
- Name(s) of all author(s).

Preparation of Research Manuscripts

- Name, complete mailing address, including zip code, telephone number, fax number and e-mail of author to whom correspondence should be sent.
- If a version of the manuscript has been previously submitted for publication to another journal, include comments from the peer reviewers and indicate how the authors have responded to these comments.
- Papers in the area of Clinical Investigation should include a statement indicating that the protocol has been approved by the Hospital Ethics Committee (Hospital with which at least one of the authors is associated) and that written informed consent was obtained from all participants. This information must also be cited in the Material and Methods section of the manuscript.

Text format

- The text of a manuscript can only be accepted as a Microsoft Word file created with MS Word as a "doc", "docx" or "rtf" document.
- Each page should contain the page number in the upper right-hand corner starting with the title page as page 1.
- Report all measurements in Système International, SI (<http://physics.nist.gov/cuu/Units>) and standard units where applicable (see below).
- Do not use abbreviations in the title and limit their use in the abstract and text.
- The length of the manuscript and the number of tables and figures must be kept to a minimum.
- Ensure that all references are cited in the text.
- Generic names must be used for all drugs. Instruments may be referred to by proprietary name; the name and country or electronic address of the manufacturer should be given in parentheses in the text.

Guidance on grammar, punctuation, and scientific writing can be found in the following sources:

- Scientific Style and Format: The CSE Manual for Authors, Editors, and Publishers. 8th edn. Rockefeller University Press, Reston, 2006. <http://www.scientific-styleandformat.org/Home.html>
- Medical Style and Format. Huth EJ (Editor). ISI Press, Philadelphia, 1987, Marketed by Williams & Wilkins, Baltimore, MD.

Preparation of Research Manuscripts

- Writing scientific articles like a native English speaker: top ten tips for Portuguese speakers. *Clinics (Sao Paulo)*. Mar 2014; 69(3): 153-157. doi: 10.6061/clinics/2014(03)01. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3935133/>

The Brazilian Journal of Medical and Biological Research follows the reference format of the Uniform Requirements for Manuscripts Submitted to Biomedical Journals, which can be found on the website of the National Library of Medicine (<http://www.icmje.org/>).

The writing style should be concise and accessible. Editors will make suggestions for how to achieve this, as well as suggestions for cuts or additions that could be made to the article to strengthen the argument. Our aim is to make the editorial process rigorous and consistent, but not intrusive or overbearing. Authors are encouraged to use their own voice and to decide how best to present their ideas, results, and conclusions.

Although we encourage submissions from around the globe, we require that manuscripts be submitted in American English. As a step towards overcoming language barriers, we encourage authors to seek the assistance of professional services available on the site.

Footnotes

Text footnotes, if unavoidable, should be numbered consecutively in superscript in the manuscript and written on a separate page following the abstract.

Abbreviations

Abbreviations should be kept to a minimum. Define all abbreviations upon first use in the abstract and the text. Non-standard abbreviations should not be used unless they appear at least three times in the text.

- Explain all abbreviations in the abstract, text, figure and table legends when they first appear. Keep the number of abbreviations to a minimum.
- Do not explain abbreviations for units of measurement [3 mL, not 3 milliliters (mL)] or standard scientific symbols [Na, not sodium (Na)].
- Abbreviate long names of chemical substances and terms for therapeutic combinations. Abbreviate names of tests and procedures that are better known by their abbreviations than by the full name (VDRL test, SMA-12).
- Use abbreviations in figures and tables to save space, but they must be defined in the legend.

Preparation of Research Manuscripts

Nomenclature

The use of standardized nomenclature in all fields of science and medicine is an essential step toward the integration and linking of scientific information reported in published literature. We will enforce the use of correct and established nomenclature wherever possible:

We strongly encourage the use of SI units.

- s for second
- min for minute
- h for hour
- L for liter
- m for meter
- kDa for mass in kilodaltons
- 5 mM rather than 5×10^{-3} M or 0.005 M

Species names (e.g., *Homo sapiens*), genes, mutations, genotypes, and alleles should be italicized. Use the recommended name by consulting the appropriate genetic nomenclature database, e.g., HUGO for human genes. It is sometimes advisable to indicate the synonyms for the gene the first time it appears in the text.

The Recommended International Non-Proprietary Name (rINN) of drugs should be provided.

Manuscript Categories

Authors should state in the cover letter that the manuscript is intended to be a Full-length Paper, Short Communication, Review Article, Overview, Concepts and Comments, or Case Report.

Full-length paper

Each manuscript should clearly state its objective or hypothesis; the experimental design and methods used (including the study setting and time period, patients or participants with inclusion and exclusion criteria, or data sources and how these were selected for the study); the essential features of any interventions; the main outcome measures; the main results of the study; and a discussion placing the results in the context of published literature.

The manuscript should contain:

- abstract of no more than 250 words
- no more than 6 key words
- a running title to be used as a page heading, which should not exceed 60 letters and spaces
- the text should be divided into separate sections (Introduction, Material and Methods, Results, Discussion), without a separate section for conclusions
- no more than 40 references (without exceptions)

Short communication

A short communication is a report on a single subject, which should be concise but definitive. The scope of this section is intended to be wide and to encompass methodology and experimental data on subjects of interest to the readers of the Journal.

The manuscript should contain:

- abstract of no more than 250 words
- no more than 6 key words
- a running title to be used as a page heading, which should not exceed 60 letters and spaces

Manuscript Categories

- the text should be divided into separate sections (Introduction, Material and Methods, Results, Discussion), without a separate section for conclusions
- no more than 20 references (without exceptions)
- no more than three illustrations (figures and/or tables)

Review article

A review article should provide a synthetic and critical analysis of a relevant area and should not be merely a chronological description of the literature. A review article by investigators who have made substantial contributions to a specific area in medical and biological sciences will be published by invitation of the Editors. However, an outline of a review article may be submitted to the Editors without prior consultation. If it is judged appropriate for the Journal, the author(s) will be invited to prepare the article for peer review. A minireview is focused on a restricted part of a subject normally covered in a review article.

The manuscript should contain:

- abstract of no more than 250 words
- no more than 6 key words
- a running title to be used as a page heading, which should not exceed 60 letters and spaces
- the text should be divided into sections with appropriate titles and subtitles
- no more than 90 references (without exceptions)

Overview

An overview does not contain unpublished data. It presents the point of view of the author(s) in a less rigorous form than in a regular review or minireview and is of interest to the general reader.

The manuscript should contain:

- abstract of no more than 250 words
- no more than 6 key words

Manuscript Categories

- a running title to be used as a page heading, which should not exceed 60 letters and spaces
- the text may be divided into sections with appropriate titles and subtitles
- no more than 90 references (without exceptions)

Concepts and Comments

The Concepts and Comments section provides a platform for readers to present ideas, theories and views.

The manuscript should contain:

- abstract of no more than 250 words
- no more than 6 key words
- a running title to be used as a page heading, which should not exceed 60 letters and spaces
- the text may be divided into sections with appropriate titles and subtitles
- no more than 40 references (without exceptions)

Case report

A case report should have at least one of the following characteristics to be published in the Journal:

- special interest to the clinical research community
- no more than 6 key words
- a rare case that is particularly useful to demonstrate a mechanism or a difficulty in diagnosis
- new diagnostic method
- new or modified treatment
- a text that demonstrates relevant findings and is well documented and without ambiguity

Manuscript Categories

The manuscript should contain:

- abstract of no more than 250 words
- no more than 6 key words
- a running title to be used as a page heading, which should not exceed 60 letters and spaces
- the text may be divided into sections with appropriate titles and subtitles
- no more than 20 references (without exceptions)
- no more than three illustrations (figures and/or tables)

Organization of the Manuscript

Most articles published in the Brazilian Journal of Medical and Biological Research will be organized into the following sections:

- Title, Authors, Affiliations, Abstract, Key words, Running Title, Author for Correspondence and email address
- Introduction
- Material and Methods
- Results
- Discussion
- Acknowledgments
- References
- Tables with a short descriptive title and footnote legends
- Figures with a short descriptive title, descriptive legends and uniformity in format

Continuous page numbers are required for all pages including figures. There are no specific length restrictions for the overall manuscript or individual sections. However, we urge authors to present and discuss their findings concisely. We recognize that some articles will not be best presented in our research article format. If you have a manuscript that would benefit from a different format, please contact the editors to discuss this further.

Title Page

The title should be as short and informative as possible, should not contain non-standard acronyms or abbreviations, and should not exceed two printed lines.

Example: **Single-step purification of crotopotin and crotactine from *Crotalus durissus terrificus* venom using preparative isoelectric focusing**

Authors and Affiliations

Initials and last name(s) of author(s) (matched with superscript numbers identifying institutions). Institution(s) (Department, Faculty, University, City, State, Country) of each author (in Portuguese if authors are from Brazil).

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Example:

A.S. Aguiar¹, A.R. Melgarejo¹, C.R. Alves² and S. Giovanni-De-Simone^{2,3}

¹Divisão de Animais Peçonhentos, Instituto Vital Brazil, Niterói, RJ, Brasil

²Laboratório de Microsequenciamento de Proteínas, Departamento de Bioquímica e Biologia Molecular, Instituto Oswaldo Cruz, FIOCRUZ, Rio de Janeiro, RJ, Brasil

³Departamento de Biologia Celular e Molecular, Universidade Federal Fluminense, Niterói, RJ, Brasil

Abstract

Since abstracts are published separately by Information Services, they should contain sufficient hard data, to be appreciated by the reader. The Brazilian Journal publishes unstructured abstracts in a single paragraph. The abstract should not exceed 250 words.

The abstract should briefly and clearly present the objective, experimental approach, new results as quantitative data if possible, and conclusions. It should mention the techniques used without going into methodological detail and mention the most important results.

Abbreviations should be kept to a minimum and should be defined in both the Abstract and text.

Please do not include any reference citations in the abstract. If the use of a reference is unavoidable, the full citation should be given within the abstract.

Please see <http://www.bjournal.com.br/writing_a_good_abstract.html> for suggestions on writing a good abstract

Key Words

A list of key words or indexing terms (no more than 6) should be included. A capital letter should be used for the first letter of each key word, separated by a semicolon. The Journal recommends the use of medical subject headings of Index Medicus for key words to avoid the use of several synonyms as entry terms in the index for different papers on the same subject. Remember, key words are used by the Scielo Database (see [http://www.scielo.br/bjmbr;articles search/subject](http://www.scielo.br/bjmbr;articles%20search/subject)) to index published articles.

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Running title

This short title, to be used as a page heading, should not exceed 60 letters and spaces.

Corresponding author

One of the authors should be designated as the corresponding author. It is the corresponding author's responsibility to ensure that the author list is accurate and complete. If the article has been submitted on behalf of a consortium, all consortium members and affiliations should be listed in the Acknowledgments section.

Provide the name and email address of the author to whom correspondence should be sent.

Introduction

The Introduction should put the focus of the manuscript into a broader context. As you compose the Introduction, think of readers who are not experts in this field. This should state the purpose of the investigation and justification for undertaking the research and relationship to other work in the field. An extensive listing or review of the literature should not be used. If there are relevant controversies or disagreements in the field, they should be mentioned so that a non-expert reader can delve into these issues further. The Introduction should conclude with a brief statement of the overall aim of the experiments and a comment about what was achieved.

Material and Methods

Sufficient information should be provided in the text or by referring to papers in generally available journals to permit the work to be repeated.

This section should provide enough detail for reproduction of the findings. Protocols for new methods should be included, but well-established protocols may simply be referenced. We encourage authors to submit, as separate files, detailed protocols for newer or less well-established methods. These will be linked to the article and will be fully accessible.

Results

The results should be presented clearly and concisely. Tables and figures should be used only when necessary for effective comprehension of the data. The Results section should provide results of all of the experiments that are required to support the conclusions of the paper. There is no specific word limit for this section, but a description of experiments that are peripheral to the main message of the article and that detract from the focus of

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the article should not be included. The section may be divided into subsections, each with a concise subheading. Large datasets, including raw data, should be submitted as supplementary files; these are published online linked to the article. The Results section should be written in past tense. In some situations, it may be desirable to combine Results and Discussion into a single section.

Discussion

The purpose of the Discussion is to identify new and relevant results and relate them to existing knowledge. Information given elsewhere in the text, especially in Results, may be cited but all of the results should not be repeated in detail in the Discussion. The Discussion should spell out the major conclusions and interpretations of the work including some explanation of the significance of these conclusions. How do the conclusions affect the existing assumptions and models in the field? How can future research build on these observations? What are the key experiments that must be done? The Discussion should be concise and tightly argued. If warranted, the Results and Discussion may be combined into one section.

Acknowledgments

When appropriate, briefly acknowledge technical assistance, advice and contributions from colleagues. People who contributed to the work, but do not fit the criteria for authors should be listed in the Acknowledgments section, along with their contributions. Donations of animals, cells, or reagents should also be acknowledged. You must also ensure that anyone named in the Acknowledgments agrees to being so named. Financial support for the research and fellowships should be acknowledged in this section (agency and grant number).

Figures

Figures must be submitted in high-resolution version (600 dpi). Please ensure that the files conform to our Guidelines for Figure Preparation when preparing your figures for production.

Preparing figure files for submission

The Brazilian Journal of Medical and Biological Research encourages authors to use figures where this will increase the clarity of an article. The use of color figures in articles is free of charge. The following guidelines must be observed when preparing figures. Failure to do so is likely to delay acceptance and publication of the article.

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- Each figure of a manuscript should be submitted as a single file.
- Figures should be numbered in the order they are first mentioned in the text, and uploaded in this order.
- Figure titles and legends should be provided in the main manuscript, not in the graphic file.
- The aim of the figure legend should be to describe the key messages of the figure, but the figure should also be discussed in the text.
- An enlarged version of the figure and its full legend will often be viewed in a separate window online, and it should be possible for a reader to understand the figure without moving back and forth between this window and the relevant parts of the text.
- Each legend should have a concise title of no more than 15 words. The legend itself should be succinct, while still explaining all symbols and abbreviations. Avoid lengthy descriptions of methods. Statistical information should be given as well as the statistical tests used.
- Arrows or letters should be used in the figure and explained in the legend to identify important structures.
- Figures with multiple panels should use capital letters A, B, C, etc. to identify the panels.
- Each figure should be closely cropped to minimize the amount of white space surrounding the illustration. Cropping figures improves accuracy when placing the figure in combination with other elements, when the accepted manuscript is prepared for publication. For more information on individual figure file formats
- Individual figure files should not exceed 5 MB. If a suitable format is chosen, this file size is adequate for extremely high quality figures.

Please note that it is the responsibility of the author(s) to obtain permission from the copyright holder to reproduce figures (or tables) that have previously been published elsewhere. In order for all figures to be open-access, authors must have permission from the rights holder if they wish to include images that have been published elsewhere in non-open-access journals. Permission should be indicated in the figure legend, and the original source included in the reference list.

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Supported file type

The following file format can be accepted: TIFF (suitable for images) – with 600 dpi.

Micrographs should be treated like photographs with the following additional guidelines

- Electron micrographs must contain a magnification bar with its equivalence in micrometers. This information can be found on all micrographs together with the magnification size.
- Details of any stains used and the method of preparation the sample should be given in the figure legend or in the Material and Methods section.
- Detailed information about the microscope used should be included in the Material and Methods section.
- The type of camera, photographic software and details of any subsequent image manipulation should be included in the Material and Methods section.

Tables

- Tables must be submitted in Word (.doc) or Excel (.xls), not as an image.
- Tables must be numbered consecutively with Arabic numerals in the text.
- All explanatory information should be given in a footnote below the table.
- All abbreviations must be defined in this footnote, even if they are explained in the text.
- Tables must be understandable without referring to the text.
- Tables occupying more than one printed page should be avoided, if possible.
- Vertical and diagonal lines should not be used in tables; instead, indentation and vertical or horizontal space should be used to group data.
- Tables in Excel must be cell-based; do not use picture elements, text boxes, tabs, or returns in tables.

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References

Only published or accepted manuscripts should be included in the reference list. Meeting abstracts, conference talks, or papers that have been submitted but not yet accepted should not be cited. Limited citation of unpublished work should be included in the body of the text only. All personal communications should be supported by a letter from the relevant authors. Authors are responsible for the accuracy and completeness of their references and for correct text citation. When possible, references which are easily available in English should be cited.

The BJMBR uses the numbered citation (citation-sequence) method. References are listed and numbered in the order that they appear in the text. In the text, citations should be indicated by the reference number in parentheses. Multiple citations within a single set of parentheses should be separated by commas without a space (1,5,7). Where there are 3 or more sequential citations, they should be given as a range (4-9).

Because all references will be linked electronically (doi), if possible, to the papers they cite, proper formatting of the references is crucial. For all references, **list the first 6 authors followed by et al.**, Title of article, Journal (abbreviation), Year, Volume, Complete Pages, The Brazilian Journal of Medical and Biological Research follows the reference format of the Uniform Requirements for Manuscripts Submitted to Biomedical Journals, which can be found on the website of the National Library of Medicine (http://www.nlm.nih.gov/bsd/uniform_requirements.html). Use the Medline journal abbreviations and follow the reference style shown on the Website noted above, with several exceptions. See below for details.

Please use the following style for the reference list:

Published Papers. First 6 authors followed by et al., Title, Journal (abbreviation in italics), Year, Volume, Complete Pages.

Lammers AE, Hislop AA, Flynn Y, Haworth SG. The 6-minute walk test: normal values for children of 4-11 years of age. Arch Dis Child 2008; 93: 464-468.

Zhang Q, Malik P, Pandey D, Gupta S, Jagnandan D, Belin de CE, et al. Paradoxical activation of endothelial nitric oxide synthase by NADPH oxidase. Arterioscler Thromb Vasc Biol 2008; 28: 1627-1633.

Article accepted for publication but not yet published. First 6 authors followed by et al., Title, Journal (abbreviation), Year of expected publication, (in press) at the end of the citation.

Organization of the Manuscript

Janiszewski M, Lopes LR, Carmo AO, Pedro MA, Brandes RP, Santos CXC, et al. Regulation of NAD(P)H oxidase by associated protein disulfide isomerase in vascular smooth muscle cells. *J Biol Chem* 2005 (in press).

Internet Communication. Ensure that URLs are active and available. Provide DOI, if available.

Developmental toxicology. <http://www.devtox.org/nomenclature/organ.php>. Accessed April 10, 2015.

CAPES Statistics. <http://www.capes.gov.br/capes/portal>. Accessed March 16, 2006.

CNPq Plataforma Lattes, "Investimentos do CNPq em CT&I". <http://fomentonacional.cnpq.br/dmfomento/home/index.jsp>. Accessed March 16, 2006.

Audiovisual Material.

Physician's Desk Reference (PDR). Release 2003.1AX. [CD-ROM]. Montvale: Thomson PDR; 2003.

Computer Program

Dean AG, Dean JA, Coulombier D, Brendel KA, Smith DC, Burton AH, et al. Epi info, version 6.04: a word processing database and statistics program for public health on IBM-compatible microcomputers. [Computer program]. Atlanta: Centers of Disease Control and Prevention; 1998.

Patent

Larsen CE, Trip R, Johnson CR. Methods for procedures related to the electrophysiology of the heart. Patent No. 5.529.067. Novoste Corporation; 1995.

Book, Whole. Authors, Book title, Edition, City, Publisher, Year.

American College of Sports Medicine. Diretrizes do ACSM para os testes de esforço e sua prescrição. Rio de Janeiro: Guanabara Koogan; 2007.

Book, Chapter. Authors, Chapter Title, Editors, Book title, Edition, City, Publisher, Year, Pages of citation.

Organization of the Manuscript

Kronfol A. Behavioral effects of cytokines: a psychiatrist's perspective. In: Plotnikoff NP, Faith RE, Murgu AJ, Good RA (Editors), Cytokines, stress and immunity. London: CRC Press; 2007. p 1-16.

Kintzios SE. What do we know about cancer and its therapy? In: Kintzios SE, Barberaki MG (Editors), Plants that fight cancer. New York: CRC Press; 2004. p 1-14.

Report

WHO (World Health Organization), IPCS (International Program in Chemical Safety). Environmental health criteria: 118 Inorganic mercury. Geneva: World Health Organization; 1991.

National Commission on Sleep Disorders Research. Wake up America: a national sleep alert. Washington: Government Printing Office; 1993.

National Heart Lung and Blood Institute. Global Initiative for Asthma (GINA). Global strategy for asthma management and prevention: NHLBI/WHO Workshop Report. Bethesda: National Institute of Health. National Heart, Lung and Blood Institute publication No. 02-3659; 2006.

Thesis

Joselevitch C. Visão no ultravioleta em *Carassius auratus* (Ostariophysi, Cypriniformes, Cyprinidae): estudo eletrofisiológico do sistema cone - células horizontais. [Master's thesis]. São Paulo: Instituto de Psicologia, USP; 1999.

Conference, Symposium Proceedings. Cite papers only from published proceedings.

Hejzlar RM, Diogo PA. The use of water quality modelling for optimising operation of a drinking water reservoir. Proceedings of the International Conference Fluid Mechanics and Hydrology. 1999 Jun 23-26; Prague. Prague: Institute of Hydrodynamics AS CR; 1999. p 475-482.

"Unpublished results", "Personal communication" and "Submitted papers". Reference should appear in the text with the individual name(s) and initials and not in the reference list. (Santos CS, da-Silva GB, Martins LT, unpublished results).

It is assumed that the author has obtained permission from the source when "personal communication" is cited.

How to submit a manuscript to the BJMBR

Author Instructions

Please make sure you have read through these instructions carefully before beginning the submission process.

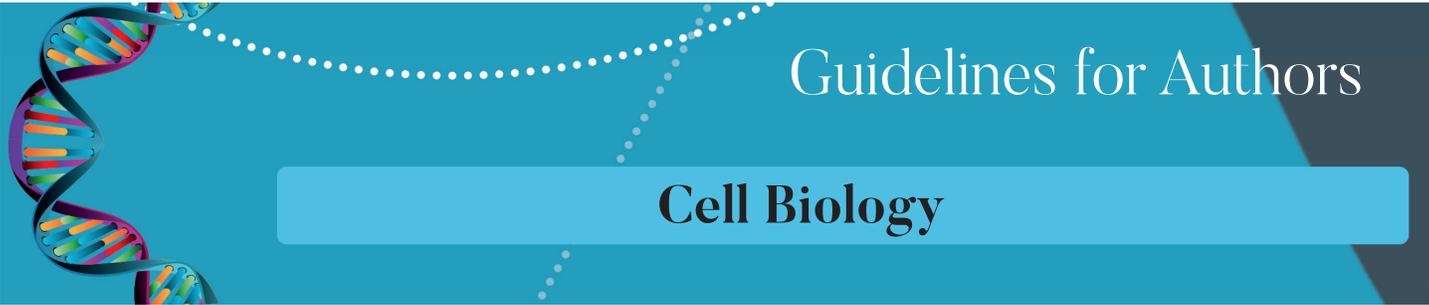
Please go to www.bjournal.com.br at the right-hand corner of the home page and click on SUBMIT A MANUSCRIPT and follow the directions. If you need further assistance, please contact the Journal Staff directly (bjournal@terra.com.br). Manuscript preparation instructions can be found at <http://www.bjournal.com.br>.

Submission Process

The seven steps of the submission process are: Type, Title & Abstract; Attributes; Authors & Institutions; Recommended reviewers; Details & Comments; File upload; Review & Submit. The steps each contain sub-steps that can be accessed by clicking on their respective tabs.

Copyright

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Guidelines for Authors

Cell Biology

The main characteristic of research papers in the area of Cell Biology is the emphasis on the integration at the cellular level of biochemical, molecular, genetic, physiological, and pathological information. This section considers manuscripts dealing with either prokaryotic or eukaryotic biological systems at any developmental stage. Papers on all aspects of cellular structure and function are considered to be within the scope of Cell Biology by the BJM-BR. The Editors encourage submission of manuscripts defining cell biology as an area of convergence of several other research fields, especially manuscripts providing insights into the cellular basis of immunology, neurobiology, microbial pathology, developmental biology, and disease. Manuscripts containing purely descriptive observations will not be published. Manuscripts reporting new techniques will be published only when adequately validated and judged by the Editors to represent a significant advance.

Biological activity of natural products

The Journal will consider papers for publication which describe the activity of substances of biological origin only if they satisfy all of the following criteria:

- Papers should describe the separation of the crude material into fractions (not necessarily into homogeneous materials) with the fractions containing biological activity identified clearly in the separation scheme. Phytochemical studies should be accompanied by biological tests. A survey of pharmacological activity of plant extracts or teas will not be considered for publication.
- In addition to the demonstration of activity in one or more biological system, experiments must be performed attempting to provide information concerning the mechanism(s) of action of the substance(s) being tested.
- Sufficient experimental information must be provided to permit repetition of the preparation of fractions and the bioassay used.
- Sources should be identified completely, and, if plant material, a specimen should be classified by an expert and deposited in a local botanical garden, university or research institute. The name and institution of the person who classified the plant and the number of the voucher under which it was deposited should be provided in the Material and Methods section.

The Journal does not publish toxicological studies.

Editorial review and processing

The receipt of manuscripts is acknowledged immediately. Once a paper has been evaluated by peer review, the authors will be notified of the editorial decision. Galley proofs will be sent to authors for the correction of errors. Authors are responsible for all statements made in their article, including changes made by the copy editor and authorized by the corresponding author.

The dates of receipt and acceptance will be published for each article. Authors are expected to return manuscripts to the Journal within 15 calendar days after they are sent to them for modifications or for style and copy editing, and to return galley proofs within 72 hours. The total number of "late" days will be added to the submission date at the time of publication.

Related Links

- Writing a Good Abstract (http://bjournal.com.br/writing_a_good_abstract.html)
- Uniform Requirements for Manuscripts Submitted to Biomedical Journals: Writing and Editing for Biomedical Publication (<http://www.icmje.org/index.html>)
- The Système International (SI) (<http://physics.nist.gov/cuu/Units>) in metric units is used for units and abbreviations of units.
- Instructions to Make Quality Images for Publications - (<http://cjs.cadmus.com/da/>)
- The Editorial Policies of the Brazilian Journal of Medical and Biological Research (<http://www.bjournal.com.br/policies.htm>)
- Writing Papers for Scientific Journals (http://www.bjournal.com.br/lectures_english.html)
- How Editors Evaluate Scientific Papers for Publication (http://bjournal.com.br/2006_como_editores_avaliam_english_aug_10.zip)
- Effect of SciELO Open Access on Brazilian Scientific Journals (http://bjournal.com.br/2006_OPEN_ACCESS_ENGLISH_LONG_aug_10.zip)
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