GUIDELINES TO AUTHORS

SCOPE OF THE JOURNAL

Brazilian Journal of Microbiology, published by the Brazilian Society of Microbiology, publishes original research papers and reviews, covering all aspects of Microbiology. The publication fee for this journal is **USD 300** for non-Brazilian citizens, and, **R$ 840,00** for Brazilian citizens.

The following categories of papers are acceptable for publication in Brazilian Journal of Microbiology:

- **Research paper**: the research paper reports results of original research, which has not been published elsewhere.
- **Short Communication**: a Short Communication is new and significant findings. Submit form is the same way as research paper. They receive the same review, they are not published more rapidly than research paper.
- **Short-review**: Review articles should deal with microbiological subjects of broad interest (ONLY BY INVITATION).
- **Letter to the editor**: Letters to the Editor are intended only for comments on final, typeset articles published in the journal (manuscripts posted online are not accepted) and must cite published references to support the writer’s argument.

Your manuscript must be written clearly, in comprehensible English.

The text submitted for publication has to be English reviewed before submission. To submit the manuscript, you must attach the issued certificate in supplementary files.

SECTIONS

**Biotechnology and Industrial Microbiology**

- **Bacterial Fermentation**
  - biosynthesis and bioconversion of natural products, including antibiotics, xenobiotics, and macromolecules produced by bacteria.
  - molecular aspects of bacterial biotechnology

- **Fungal Fermentation**
  - biosynthesis and bioconversion of natural products, including antibiotics, xenobiotics, and macromolecules produced by fungi
  - molecular aspects of fungal biotechnology

**Food Microbiology**

- **Technology**
  - applications of microorganisms (bacteria and fungi) for food production

**Safety and Quality**

- food borne diseases
- food spoilage
- microbial ecology in foods

**Clinical Microbiology**

- **Bacteria, Fungi, and Virus**
  - Laboratory diagnosis of human infections and the role of the laboratory in both the management of infectious diseases and the elucidation of the epidemiology of infections.
  - Microbial resistance and mechanisms of antimicrobial agents.

**Environmental Microbiology**

- **Microbial Ecology**
  - ecology of natural microbial assemblages, microbial diversity of natural environments such as water, soil, sediments and higher organisms
  - microbial interactions
  - environmental aspects of public health
  - biodegradation
  - bioremediation

**Bacterial and Fungal Molecular Pathogenesis**

- Genetic, biochemical, and structural basis of bacterial and fungal pathogenesis

**Bacterial and Fungal Physiology**

- Biochemistry, biophysics, metabolism, cell structure, stress response, growth, differentiation, and other related process of bacteria and fungi

**Veterinary Microbiology**

- control and/or treatment of animals
- animal pathogen diagnostics
- veterinary or zoonotic pathogens

SUBMISSION OF A MANUSCRIPT

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previously been published (except in an abstract form) and that it is not being considered for publication elsewhere.

Upon receipt of a manuscript all authors will receive an electronic message acknowledging the receipt.

Responsibility for the accuracy of the manuscript content lies entirely with the authors.

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Manuscripts are accepted for publication after having been critically reviewed by at least two referees, indicated by the Editors.

The suggestions and recommendations of the reviewers and Editors will be forwarded electronically to the corresponding author, who should return the reviewed manuscript to the Editors within the stipulated date, via online system. Whenever applicable, the corresponding author should explain or comment each modification introduced in the text.

The corresponding author will receive an electronic message whenever the manuscript moves from one status to the next.

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Nonmember scientists from Brazil and other countries are invited to submit papers for analysis.

**ETHICS**

When the study, described in the manuscript, is related to experiments carried out with human beings and/or animals, author(s) must inform, within the text, if the research project has been approved by the Research Ethics Committee of their institution, according to the Declaration of Helsinki (http://www.fcm.unicamp.br/fcm/sites/default/files/declaracao_de_helsinque.pdf). Experimental studies involving animals should follow the guidelines established by the "Guide for the Care and Use of Laboratory Animals" (http://www.ncbi.nlm.nih.gov/books/NBK54050/) (Institute of Laboratory Animal Resources, National Academy of Sciences, Washington, D. C. 1996), and the *Principios Éticos na Experimentação Animal do Colégio Brasileiro de Experimentação Animal* (COBEA) (Ethical Principles for Animal Experimentation of the Brazilian College of Animal Experimentation - http://www.cobea.org.br/conteudo/view?ID_CONTEUDO=65).

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For **research papers**, the WORD file should contain:

- Title (100 characters)
- Running title (40 characters)
- Authors and Affiliations
- Abstract (up to 200 words)
- Three to five key-words
- Introduction
- Materials and Methods
- Results
- Discussion
- Acknowledgements (optional)
- References

For **short communications**, the WORD file should contain:

- Title
- Running title
- Authors and Affiliations
- Abstract (up to 50 words)
- Three to five key-words
- Text not divided in topics
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- References

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- Abstract (up to 200 words)
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- Text
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- Title (100 characters)
- Running title (40 characters)
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- Text (no more than 500 words and must be typed double-spaced)
- References

Author affiliations should be presented in decreasing hierarchical order (e.g. Harvard University, Harvard Business School, Boston, USA) and should be written as established in its own language (e.g. Université Paris-Sorbonne; Harvard University, Universidade de São Paulo).

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(Comission on Biochemical Nomenclature, Amendments and Corrections) and the units are to be used according to SI (International Systems of Units).

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**Use of plant extracts in microbiological experiments**

Articles that present studies with plant extracts, or other complex substances, will be accepted only after identification of compounds.

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The full Title of the article should be as brief as possible, not exceed 100 characters including spaces, should not contain abbreviations, and be truly indicative of the subject of the paper. Authors should suggest a Running title that appears in the page header which should not exceed 40 characters, including spaces.

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The Materials and Methods section should provide enough information for other investigators to repeat the experiments.

Repertition of details of procedures which have already been published elsewhere should be avoided. If a published method is modified, such modification(s) must be described in the paper. Sources of reagents, culture media and equipment (company, city, state, country) should be mentioned in the text. Names that are registered trade marks should be so indicated. Subheading often makes this section easier to read and understand.

The Results section should, by means of text, tables and/or figures, give the results of the experiments, extensive interpretation of results has to be avoid but do so in the Discussion section. Tables and figures should be numbered using Arabic numerals. All tables and figures must be mentioned in the text.

The approximate location of tables and figures in the text should be indicated.

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