

Rules for Publishing Scientific Articles in Current Laboratory Journal/Revista Laboratorio Actual

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1. Presentation

Revista Laboratorio Actual/Current Laboratory Journal (Rev. Lab. Actual), is a scientific journal published by the Association of Bacteriologist from the Javeriana University, Bogotá, D.C. (Colombia), which has been continuously published since its first appearance in 1983. This journal is published twice a year.

2. Target Audience

This journal is directed to professionals and undergraduate and postgraduate students from the health area, whom are interested in updating their knowledge on the topics covered in the journal. This is an open access journal.



3. Who publish in Revista Laboratorio Actual/Current Laboratory Journal?

In this journal, publish professionals in the areas of Biomedical Sciences intending to contribute to the international, national or regional scientific knowledge

4. Mission

To be a specialized publication that allows the distribution of scientific knowledge that is generated in the laboratory environment. At the same time it allows the actualization of health professionals and students from all different laboratory areas.

It will be positioned as an excellent alternative,

characterized by its objectivity and quality of its products, both for those who publish their results to those who want to keep up in this area of knowledge.

5. Treated Topics

The journal accepts basic articles, clinical or applied in the areas of bacteriology, blood bank, biochemistry, molecular biology, quality assurance, diagnosis, epidemiology, hematology, immunology, mycology, parasitology, occupational health, public health, toxicology, virology and zoonoses.

6. Types of papers published

Revista Laboratorio Actual/Current Laboratory Journal publishes unpublished articles; original articles, short communications, reviews and case reports. The Journal accepts documents in Spanish or English.

6.1. Original Article: Presents in detail the results of completed investigations. The used structure contains the following aspects: Title (Spanish and English), Authors and affiliation thereof (full name), summary (Spanish and English). Keywords (Spanish and English). Introduction. Materials and methods. Results and discussion. Conclusions. Acknowledgements. Conflicts of interests. References. References in these articles should range mostly around 5 years from the date in which the article was submitted to the journal.

6.2. Short Communication: It shows the preliminary or partial results from a research, validation and standardization of techniques or observations with certain repetition degree not yet confirmed statistically. References in these papers mostly around 5 years from the date in which the article was submitted to the journal.

The structure contains the following aspects: Title (Spanish and English), Authors and affiliation thereof (full name), summary (Spanish and English). Keywords (Spanish and English). Introduction. Methods and materials. Results and discussion (involving partial conclusions). Acknowledgements. Conflicts of interests. References.

6.3. Review: Analyze, systematize and integrate the results from published or unpublished research on a specific field of knowledge, to account prevailing trends and developments. The structure generally utilized contains the following parts: Title (Spanish and English), Authors and affiliation thereof (full name), summary (Spanish and English). Keywords (Spanish and English). Introduction. Other aspects of the review. References. References in these papers mostly around 5 years from the date in which the article was submitted to the journal.

6.3.1. Invited Review: Should follow the same rules of review, but it would only be published by invitation of the Editorial Committee.

6.4. Case Reports: The journal accepts case reports that are considered of low incidence, novel from the international, national or regional point of view or that have demonstrated atypical results that deserve to alert the scientific community.

The structure used contains the following aspects: Title (Spanish and English), Authors and

affiliation thereof (full name), Summary (Spanish and English). Keywords (Spanish and English). Introduction. Methods and Materials. Results and discussion. Conclusions. Acknowledgements. Conflicts of interests. References. References in these papers mostly around 5 years from the date in which the article was submitted to the journal.

6.5. Letters to de Editor: They will be free theme and format; as long as they are related to the interests of the journal. They should have maximum 10 references that support the comments. The editorial committee will decide whether or not to publish it.

7. Characteristics of Publications

The stringency of academic publications is measured by its methodical spirit, analytical objective and interpretative purpose, its logical and progressive structure, its clear reasoning, its solid bibliographic support and its contribution to a scientific discipline or specific knowledge.

8. Publishing Procedure

8.1. Presentation of Papers

The text of the articles will be sent to the publications office in electronic form, to the Editor Dr. Raúl A. Poutou, PhD., Revista Laboratorio Actual/Current Laboratory Journal: editorlaboratorioactual@abj.org.co

Receiving the article does not mean an obligation to publish it.

8.2. Approval of the Articles: All articles submitted will undergo an evaluation of minimum two (2) anonymous academic peers. They will review the text, its form and contents (see format). They will issue a concept that will be communicated to the authors, whom must meet their observations within a period not exceeding

20 working days. Updated articles must be returned to the referees for their feedback. The authors assume the responsibility for returning to the journal the final content corrections from the article (5 working days).

8.3. Copyright: Once the article has been approved, the author should send the copyright (filled) to the Publications Office, for its reproduction in the Revista Laboratorio Actual/Current Laboratory Journal in accordance with the format established for this purpose (see model), which implies exclusivity. However, such authorization implies the acceptance from the author of spreading his/her article, not only on paper but also on a website and in future national and international bibliographic databases.

8.4. Preparation of the Journal: In the process of publishing the journal, the texts will be submitted for style review, layout and corrections. The style suggestions should have the author's approval: From that moment, the author may not introduce new amendments to the text.

9. Example of general presentation

The manuscript must have a heading clearly indicating the full title of the article in Spanish and English, as well as the short title in the language in which is written all the article, the authors names (in the form: Jorge Perez-Martinez), their afiliations (Name of the department, University, Foundation or Institute, complete address and city), and the e-mail address of the Author responsible for the article, which must be marked with an asterisk (*E-mail:). All text should be written in Word 2003-2010 for Windows XP-Windows 8.0, double-spaced on letter size paper and leaving 3.0

cm margin on the sides, letter 12 point (Times New Roman). The wording of the text should be in PASSIVE voice.



9.1. Abstracts: Maximum 250 words in both languages (Spanish and English). For original articles and the short communications, and should be subdivided in four aspects (Objective, Materials and methods, Results, Conclusions); example:

Objective. To preliminarily assess in vitro some probiotic properties from two native strains of *S.cerevisiae*. Materials and Methods. The strains were used in assays for tolerance to bile salts, pH, temperature, adherence to *Salmonella* spp., *E.coli* and

Shigella spp., and antagonism. A factorial design 3 x 3 was performed, with three levels of each factor (strain, pH and initial substrate concentration) in triplicate, to establish the culture conditions for each strain. As a control a commercial strain (B) was used. The selected strain was used for production in 2L bioreactor, biomass was subjected to drying temperature; N2 concentration and cellular viability was determined in the resulting product.

Results. Strain A (obtained from sugar cane), tolerated pH 3±0.2, 0.3% (p/v) of bile salts and 42°C. The factorial ANOVA found significant differences between the 27 assays (p≤0.05), the Surface analysis found that the interaction between the factors strain and substrate (S0) are significant, suggesting strain A for the optimization and increasing concentrations of S0. The results were produced in a biorreactor with μ_x 0.31h⁻¹, t_d 2.18h and Y(x/s) 0.126g/g; the obtained dry biomass was viable and reported between 6.3 and 6.9% N2/g. Conclusions. Native yeasts were identified with probiotic properties such as pH tolerance, Bile salts, temperature and adherence to Salmonella spp., E.coli y Shigella spp.

For reviews, the summary will not be subdivided and for case reports the summary should be subdivided as follows: Reason for reporting, Materials and methods and Conclusions.

9.2. Abbreviations: For abbreviations, nomenclature approved by the international union of the respective discipline must be used.

9.3. Greek Letters: If the article includes Greek letters, you need to mark them in red.

9.4. Equations: If the article includes equations, they must be centered and consecutive numbered. You should use Word Equation Editor. The numbers should be justified to the right and between brackets; the meaning of each symbol in the equation must be clarified. example.

$$y = mx + b [1]$$

Where: y is the Abs540nm, x is cell concentration in g/ml, b is the intercept on the y, m is the slope of the line.

9.5. Footnotes: Footer notes are not accepted, they must be handled as references.

9.6. Figures and Tables: Figures and tables should be included within the text of the article. Each figure should go with the corresponding legend, axes and clear and visible pointers. UIS (International System of Units) must be used.

Both tables and figures should be cited within the text prior to their appearance (Table 1) or (Figure 4). Tables will have a bold title on the top and figures on the bottom Ej. (Tabla 1. List of studied microorganisms). Graphics should only be made using professional plotters Ej. (SigmaPlot, Simfit, Origin).

Figures should be developed in a high quality computer. Avoid giving volume and shadows to the figures (bars or points in three dimensions), unless there are less than two axes. The use of gridlines should be avoided for both abscissa and the ordinate.

If pictures are included, they should be in color or black and white, be included within the text in a file (JPG, TIFF, BMP de ≥ 300 dpi). When the authors consider necessary images or graphics should appear in color, polychrome costs will be assumed by the authors. If you want to submit photos and/or color figures, these should be placed in a single page of the article to decrease the cost per page (the cost per color page should be consulted with the editorial board prior to publication).

9.7. Referencing Format for references within the text: Citations within the text should be arranged chronologically and alphabetically, between brackets and separated by semicolons, examples:

(Albarracín *et al.*, 2010; Borrero *et al.*, 2011)
(Zuccari *et al.*, 2009; Álvarez *et al.*, 2012)
(Duque & Pérez, 2009)

The results from Gonzalez (2008) show that...
Albarracín *et al.*, (2010) demonstrated that...
Duque & Pérez, (2009) determined... (Duque & Pérez, 2009; Zuccari *et al.*, 2009; Albarracín *et al.*, 2010; Borrero *et al.*, 2011)

On the website of the journal you can find the format EndNote to adjust the references.

9.8. Format for writing the references: The list of references should appear in alphabetical order; all authors must be written to facilitate bibliometrics and the formation of visible schools.

The name of the journal should be written using the full name of the journal.

9.8.1. Books example:

Andrade G, Ruiz JP, Gómez R. (1992) Biodiversity, conservation and use of natural resources. First Edition. CEREC – Foundation Fiedrich Ebert de Colombia. Bogotá, D.C., Colombia, 126 p.

9.8.2. Scientific Articles example:

Escórcia-Otálora TA, Poutou-Piñales RA. (2008) bibliometric analysis from the original articles published in the journal Universitas Scientiarum (1987-2007). Universitas Scientiarum 13(3):236-244.

9.8.3. Edited Books example:

Rivas LI, Chicharro C, Díaz P. Bacteriología Clínica: Etiological Study of the infectious diseases from bacterial origin. Editorial del Consejo de Investigaciones Científicas. Bogotá, Colombia. 2010, p. 185-216.

9.8.4. Doctoral Tesis example:

Tamayo M. Effect of the perturbation of the fragmented Forrest over the behavior and size of a primate community. Doctoral tesis. Science Faculty. Pontificia Universidad Javeriana, Bogotá, 1997, 320p.

Gutierrez H. Antagonic effect of acid lactic bacteria isolated from dairy products. Master degree work. Science Faculty. University of Costa Rica, Costa Rica, 1990, 120p.

9.8.5. Internet References example:

Will be used only for online programs and should be included within the text.

Each protein sequence was used for epitopes prediction possibly from immunogenetics (http://tools.immuneepitope.org/tools/bcell/iedb_input).

9.8.6. Aclarations:

These will not be accepted as citations: Summaries and presentations in congresses, prizes or distinctions, interviews, writings from non-scientific publications, undergraduate or postgraduate work or personal communications.

The authors assume the responsibility of returning to the journal office the corrections

from the final artwork of their article, as soon as possible (3 working days per correction).

The editing committee from current Laboratory Journal (Laboratorio Actual) has the freedom to publish supplements to support the publication of abstracts in national and international scientific events.

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The articles will be codified with the SICI code.