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General :

Research articles present original research and address a clearly stated specific hypothesis or question. Papers should provide novel approaches and new insights into the problem addressed.

It should contain the following information:

a)

The full title of the paper without abbreviations. The title should be as brief and informative as possible, specifying clearly the content of the article.

b)

If the title is long (more than 80 characters and spaces), a shortened running title having no more than 50 characters and spaces should be provided.

c)

Full names (clearly indicate name and surname) of all authors indicating the corresponding authors.

d)

Affiliation, telephone, fax, electronic

addresses and URLs of personal and institutional WEB pages.

Financial support ;

Authors must include the financial support received for research.

Keywords

Authors must provide between three and six keywords, which must not be part of the title of the paper. Phrases and general or broad words such as "pH" or "growth" are not allowed.

PRESENT ADDRESS

Authors should provide their present address in case it is different than the affiliation described at the title page. It should include address, phone and fax.

ABBREVIATIONS

They should be indicated as in example.

Abbreviations:

ATLP: polymerase chain reaction  
PCL: amplified fragment length  
polymorphism

### ABSTRACT

The abstract of the manuscript should not exceed 350 words and must be structured into separate sections: Background, the context and purpose of the study; Results, the main findings; Conclusions, brief summary and potential implications. Please minimize the use of abbreviations and do not cite references in the abstract.

In case of review articles, the abstract should be submitted as one section.

### INTRODUCTION

It should be brief and limited to the definition of the problem, the aims and purposes of the research and its relation with other studies in the field. Also the working hypothesis must be clearly stated.

## MATERIALS AND METHODS

It should include relevant details on the experimental design and techniques so that the experiments can be repeated.

## RESULTS

Results should be clearly presented. Tables and figures should only be included if required to fully understand the data.

## DISCUSSION

The aim of this section is the interpretation of the results and their relation to the existing knowledge. The contribution to Biotechnology must be clearly stated. The information given in any part of the text may be cited but not repeated in the Discussion section.

Alternatively Results and Discussion can be presented in one section.

## ACKNOWLEDGMENTS

The acknowledgments of the contributions of colleagues can be stated in this section.

Acknowledgments for financial support must

be cited on the corresponding section.

## REFERENCES

For original articles (research, short communications, technical notes, biotechnology issues for developing countries), at least 75% of the references must be from the Science Citation Index Expanded and at the same time from the last decade. Also the DOI number must be included at the end of each reference. Citations from thesis, personal communications, and unpublished data are not allowed. A minimum of 15 references are required.

### a) In the text.

References must be cited in the text mentioning the last name of the author and year between parenthesis. In case of two authors, both should be mentioned. When there are three or more authors, mention only the first author followed by et al. When two or more references are cited in the same parenthesis, the authors should be in chronological order.

And if they have the same year, they should be in alphabetical order. Moreover, if there is more than one reference of the same author and the same year, they should be indicated with letters.

See examples:

1 author: (Gardner, 1999).

2 authors: (Larvol and Wilkerson, 1998).

3 or more authors: (Frishman et al. 1998).

2 or more references in the same parenthesis:  
(Benton, 1996; Zhang et al. 1997; Larvol and Wilkerson, 1998; Frishman et al. 2010).

2 or more references with the same year:  
(Klevecz, 1999; Medin, 1999; Persidis, 2000).

2 or more references with the same author and the same year: (Benton, 1996a; Benton 1996b; Benton 1996c).

b) In the References section:

At the end of the paper, in the References section the literature should be arranged in alphabetical order. If they have the same author, they should be in chronological order. They must be presented according to the

following examples:

## Journal Article

Examples:

GODOY-HERNÁNDEZ, G.; ARJÉS-BELZUNZA, E.; CALLE-LOPECH, M. and VÁSQUEZ-LOSA, F. (2008). *Agrobacterium*-mediated transient transformation of Mexican prickly poppy (*Argemone mexicana* L.). *Electronic Journal of Biotechnology*, vol. 11, no. 1. DOI: 10.2225/vol11-issue1-fulltext3.

MUKSCH, G.; KLEISS, S.; FREHLE, K. and FLASCHER, E. (2002). Overexpression of the phytase from *Escherichia coli* and its extracellular production in bioreactors. *Applied Microbiology and Biotechnology*, vol. 59, no. 6, p. 685-694. DOI: 10.1007/s00253-002-1071-3.

Book

## Book chapter:

### Examples:

SMITH, J.F. and RUPPEL, H.G. (1989).  
Purple nonsulfur bacteria. In: SHELLEY, J.J.,  
BRYAN, M.P., PENNELL, N. and HOLZ, J.G.  
eds. *Bergey's Manual of Systematic  
Bacteriology*. Baltimore, Williams & Wilkins,  
vol. 3, p. 1658-1682.

PÉREZ, L.; LÓPEZ, L.; BELDARRAIN, A.;  
ARENAL, D. and PENJON, E. (1994).  
Purification of recombinant Hepatitis B  
surface antigen (rec-HBsAg) from *P.*  
*Pastoris*: A process development study. In:  
GALLAND, E. and RAMÍREZ, O.L. eds.  
*Advances in Bioprocess Engineering*.  
Netherlands, Kluwer Academic Publishers, p.  
241-246.

## Paper in Conference Proceedings

## TABLES

Tables must be numbered with Arabic numerals in the order in which they are cited in the text. They should have a brief descriptive title placed at the top. A short description is also accepted. Footnotes can be included below the table. Tables cannot duplicate data contained in the text. Tables must be sent in Microsoft Word and have no links to the main document or other archives. Provide files at approximately the correct size they are to be printed (letter size)..