

Revista Argentina de Microbiología / Argentinean Journal of Microbiology

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Introduction

Introduction

Revista Argentina de Microbiología(RAM, <https://www.editorialmanager.com/ram>) is published by the *Asociación Argentina de Microbiología*(AAM) on a quarterly basis. The aim of this journal is to publish current scientific works in the different areas of Microbiology and Parasitology. Some of the topics considered of special interest are: infections caused by bacteria, fungi, parasites, viruses and unconventional infectious agents; mechanisms of pathogenicity, and virulence factors; resistance to antimicrobial agents; taxonomy; epidemiology and phenotypic, immunologic and molecular diagnostic methods. RAM also publishes articles on microbial ecology and diversity, zoo- and phytopathogens and microorganisms of value for food, agronomic, industrial and environmental applications. Manuscripts on microorganism genomics, proteomics and enzymology, as well as articles of regional impact are eligible for consideration with the purpose of covering basic aspects of research in the area.

RAM can publish the articles under the following sections:

- General microbiology
- Clinical microbiology and infectious diseases
- Antimicrobial agents
- Food microbiology
- Agricultural, environmental and industrial microbiology

The different types of articles that can be published in RAM are: a) editorials, b) original articles, c) brief reports, d) microbiological images, e) letters to the editor and f) special articles, on the different areas of Microbiology. The Editorial Board reserves the right to reject those manuscripts whose contents partially or totally overlap with works already published or whose topics are irrelevant to those of RAM. Furthermore, reasons for rejection are non-compliance of editorial requirements, ethical violations, low scientific quality and poor use of language. The Editorial Board reserves the right to make all necessary grammatical and style modifications.

Types of article

****Editorials.****They focus on current scientific topics of special relevance to the scientific community specialized in Microbiology, or are opinion works on scientific policies. This section is the sole domain of the Editorial Board, who will determine editorial policy and authorship, as well as the general guidelines. Editorials shall not exceed 1.200 words and references should be limited to 5.

Original articles. They are full research paper, which must be submitted in accordance to the following sections: Title (in Spanish and English) and Short Title, Abstract and Keywords (in Spanish and English), Introduction, Materials and Methods, Results, Discussion, Acknowledgements and References. Manuscripts shall not exceed 8,000 words including all the sections and shall include a maximum of 6 tables or figures. In order to support and improve the presentation of the research article, RAM accepts additional electronic data which will be published as Supplementary data.

Brief reports. They are less extensive works. They include case reports, descriptions of new techniques or equipment based on conclusive experimental work. Manuscripts should not be divided into sections and shall not exceed 3,000 words. References should be limited to 15 citations and a maximum of 3 tables and figures. Careful analysis of data presented should be

observed so as to avoid their repetition in the text, tables and figures, in order to maintain the typical concision in style that characterizes this type of articles.

Microbiological images. They may include high quality pictures of bacteria, fungi, parasites and viruses, from direct observation or staining under optical, electronic or fluorescent microscopy. They may also include other photographic images of microorganisms in culture media, lesions in humans or laboratory animals, x-ray and ultrasound images, computed tomography scans, nuclear magnetic resonance, etc. These images having great instructional value though not necessarily ground-breaking, should be accompanied by an explanatory text and indicating arrows when necessary. The text should not exceed 300 words. Quality requirements for images are described under the "Figures" section below.

Letters to the Editor. Letters can include either comments or new data. The comments consist in observations made on articles published in the journal; the latter are aimed at communicating short pieces of work, which do not have the appropriate length to be published as original article or brief report. Both contributions must not exceed 500 words, they should include the title in Spanish and English, they must not have an abstract, and may contain only one figure or table. The authors' names and affiliations should be placed at the bottom of the letter. Only the primary affiliation of each author should be indicated. The comments should mention the volume and issue number where the article was published, as well as the complete title and the first author's last name. Furthermore, the bibliographical references (up to 5 citations) that support the letter contents should be mentioned. In order to publish a comment, the corresponding author of the published article will be first consulted about the final decision and publication will remain at the editor's discretion. Contributions of new facts will be submitted to a specialist editor with knowledge in the subject matter, who, along with external reviewers, will assess the information. It should be noted that some journal indexing services do not include Letters to the Editor in their databases.

Special articles. They are up dates or workshop results on topics of regional and international weight. Their authors must be specialists in their field of study. Texts must include updated and comprehensive bibliography. Updates may include up to 10,000 words, 8 tables or figures. References should be limited to 100 bibliographic citations.

Contact details for submission

Manuscripts should be uploaded in the RAM website (<https://www.editorialmanager.com/ram>).

Language

The RAM has decided to transition to publishing in English to enhance the dissemination and reach of research, while also contributing to the growth of the journal and increasing its impact factor. Starting from July 1, 2025, only manuscripts in English will be accepted, with the title and abstract also provided in Spanish.

Submission checklist

You can use this list to carry out a final check of your submission before you send it to the journal for review. Please check the relevant section in this Guide for Authors for more details.

Ensure that the following items are present:

One author has been designated as the corresponding author with contact details:

- E-mail address
- Full postal address

All necessary files have been uploaded:

Manuscript

- Include keywords
- All figures (include relevant captions)
- All tables (including titles, description, footnotes)
- Ensure all figure and table citations in the text match the files provided; Indicate clearly if color should be used for any figures in print

Graphical Abstracts / Highlights files (where applicable)

Supplemental files (where applicable)

Further considerations:

- Manuscript has been 'spell checked' and 'grammar checked'
- All references mentioned in the Reference List are cited in the text, and vice versa
- Permission has been obtained for use of copyrighted material from other sources (including the Internet)
- A competing interests statement is provided, even if the authors have no competing interests to declare
- Journal policies detailed in this guide have been reviewed

For further information, visit our [Support Center](#).

Before you begin

Before You Begin

Manuscripts should be addressed to the Editorial Board of *Revista Argentina de Microbiología* accompanied by a cover letter according to the following model:

Ethics in publishing

Please see our information on [Ethics in publishing](#).

Studies in humans and animals

If the work involves the use of human subjects, the author should ensure that the work described has been carried out in accordance with [The Code of Ethics of the World Medical Association](#) (Declaration of Helsinki) for experiments involving humans. The manuscript should be in line with the [Recommendations for the Conduct, Reporting, Editing and Publication of Scholarly Work in Medical Journals](#) and aim for the inclusion of representative human populations (sex, age and ethnicity) as per those recommendations. The terms [sex and gender](#) should be used correctly.

The author should ensure that the manuscript contains a statement that all procedures were performed in compliance with relevant laws and institutional guidelines and have been approved by the appropriate institutional committee(s). This statement should contain the date and reference number of the ethical approval(s) obtained. Authors should also include a statement in the manuscript that informed consent was obtained for experimentation with human subjects. The privacy rights of human subjects must always be observed.

The journal will not accept manuscripts that contain data derived from unethically sourced organs or tissue, including from executed prisoners or prisoners of conscience, consistent with recommendations by [Global Rights Compliance on Mitigating Human Rights Risks in Transplantation Medicine](#). For all studies that use human organs or tissues authors must provide sufficient evidence that they were procured in line with [WHO Guiding Principles on Human Cell, Tissue and Organ Transplantation](#). The source of the organs or tissues used in clinical research must be transparent and traceable. Authors of manuscripts describing organ transplantation must additionally declare within the manuscript:

1. that autonomous consent free from coercion was obtained from the donor(s) or their next of kin; and
2. that organs/tissues were not sourced from executed prisoners or prisoners of conscience.

All animal experiments should comply with the [ARRIVE guidelines](#) and should be carried out in accordance with the U.K. Animals (Scientific Procedures) Act, 1986 and associated guidelines, [EU Directive 2010/63/EU for animal experiments](#), or the National Research Council's [Guide for the Care and Use of Laboratory Animals](#) and the authors should clearly indicate in the manuscript that such guidelines have been followed. The sex of animals must be indicated, and where appropriate, the influence (or association) of sex on the results of the study.

Informed consent and patient details

Studies on patients or volunteers (including organ/tissue donors) require informed consent, which should be documented in the paper. Appropriate consents, permissions and releases must be obtained where an author wishes to include case details or other personal information or images of patients and any other individuals in an Elsevier publication. Written consents must be retained by the author, but copies should not be provided to the journal.

Only if specifically requested by the journal in exceptional circumstances (for example if a legal issue arises) the author must provide copies of the consents or evidence that such consents have been obtained. For more information, please review the [Elsevier Policy on the Use of Images or Personal Information of Patients or other Individuals](#).

Unless the author has written permission from the patient (or, where applicable, the next of kin), the personal details of any patient included in any part of the article and in any supplementary materials (including all illustrations and videos) must be removed before submission.

Declaration of interest

All authors must disclose any financial and personal relationships with other people or organizations that could inappropriately influence (bias) their work. Examples of potential competing interests include employment, consultancies, stock ownership, honoraria, paid expert testimony, patent applications/registrations, and grants or other funding. Authors must disclose any interests in two places: 1. A summary declaration of interest statement in the title page file (if double anonymized) or the manuscript file (if single anonymized). If there are no interests to declare then please state this: 'Declarations of interest: none'. 2. Detailed disclosures as part of a separate Declaration of Interest form, which forms part of the journal's official records. It is important for potential interests to be declared in both places and that the information matches. [More information](#).

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Authors must declare the use of generative AI in the manuscript preparation process upon submission of the paper.

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- Ensuring the use of any tools or sources, AI-based or otherwise, is made clear and transparent to readers. If AI Tools have been used, we require a disclosure statement upon submission; please see example below.
- Ensuring the manuscript is developed in a way that safeguards data privacy, intellectual property and other rights, by checking the terms and conditions of any AI tool that is used.

Finally, authors must not list or cite AI Tools as an author or co-author on the manuscript since authorship implies responsibilities and tasks that can only be attributed to, and performed by, humans.

The use of AI Tools in the manuscript preparation process must be declared by adding a statement at the end of the manuscript when the paper is first submitted. The statement will appear in the published work and should be placed in a new section before the references list.

An example:

- Title of new section: *Declaration of generative AI and AI-assisted technologies in the manuscript preparation process.*
- Statement: *During the preparation of this work the author(s) used [NAME OF TOOL / SERVICE] in order to [REASON]. After using this tool/service, the author(s) reviewed and edited the content as needed and take(s) full responsibility for the content of the published article.*

The declaration does not apply to the use of basic tools, such as tools used to check grammar, spelling and references. If you have nothing to disclose, you do not need to add a statement.

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Submission of an article implies that the work described has not been published previously (except in the form of an abstract, a published lecture or academic thesis, see '[Multiple, redundant or concurrent publication](#)' for more information), that it is not under consideration for publication elsewhere, that its publication is approved by all authors and tacitly or explicitly by the responsible authorities where the work was carried out, and that, if accepted, it will not be published elsewhere in the same form, in English or in any other language, including electronically without the written consent of the copyright-holder. To verify compliance, your article may be checked by [Crossref Similarity Check](#) and other originality or duplicate checking software.

Use of inclusive language

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terms such as "master", "slave", "blacklist" and "whitelist". We suggest using alternatives that are more appropriate and (self-) explanatory such as "primary", "secondary", "blocklist" and "allowlist". These guidelines are meant as a point of reference to help identify appropriate language but are by no means exhaustive or definitive.

Authorship

All authors should have made substantial contributions to all of the following: (1) the conception and design of the study, or acquisition of data, or analysis and interpretation of data, (2) drafting the article or revising it critically for important intellectual content, (3) final approval of the version to be submitted.

Changes to authorship

Authors are expected to consider carefully the list and order of authors **before** submitting their manuscript and provide the definitive list of authors at the time of the original submission. Any addition, deletion or rearrangement of author names in the authorship list should be made only **before** the manuscript has been accepted and only if approved by the journal Editor. To request such a change, the Editor must receive the following from the **corresponding author**: (a) the reason for the change in author list and (b) written confirmation (e-mail, letter) from all authors that they agree with the addition, removal or rearrangement. In the case of addition or removal of authors, this includes confirmation from the author being added or removed.

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Please write your text in good English (American or British usage is accepted, but not a mixture of these). Authors who feel their English language manuscript may require editing to eliminate possible grammatical or spelling errors and to conform to correct scientific English may wish to use the [Language Editing service](#) available from Elsevier's Language Services.

Submission

Our online submission system guides you stepwise through the process of entering your article details and uploading your files. The system converts your article files to a single PDF file used in the peer-review process. Editable files (e.g., Word, LaTeX) are required to typeset your article for final publication. All correspondence, including notification of the Editor's decision and requests for revision, is sent by e-mail.

Submit your article

Please submit your article via <https://www.editorialmanager.com/ram>, including the following separate files: Cover letter, Ethical disclosures, Manuscript, Tables, Figures and when it is appropriate, Supplementary data. Authors should revise this [checklist file](#) and verify that all requirements have been met.

Preparation

Peer review

This journal operates a double anonymized review process. All contributions will be initially assessed by the editor for suitability for the journal. Papers deemed suitable are then typically sent to a minimum of two independent expert reviewers to assess the scientific quality of the paper. The Editor is responsible for the final decision regarding acceptance or rejection of articles. The Editor's decision is final. Editors are not involved in decisions about papers which they have written themselves or have been written by family members or colleagues or which relate to products or services in which the editor has an interest. Any such submission is subject to all of the journal's usual procedures, with peer review handled independently of the relevant editor and their research groups. [More information on types of peer review](#).

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Anonymized manuscript (no author details): The main body of the paper (including the references, figures, tables and any acknowledgements) should not include any identifying information, such as the authors' names or affiliations.

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Use of word processing software

It is important that the file be saved in the native format of the word processor used. The text should be in single-column format. Keep the layout of the text as simple as possible. Most formatting codes will be removed and replaced on processing the article. In particular, do not use the word processor's options to justify text or to hyphenate words. However, do use bold face, italics, subscripts, superscripts etc. When preparing tables, if you are using a table grid, use only one grid for each individual table and not a grid for each row. If no grid is used, use tabs, not spaces, to align columns. The electronic text should be prepared in a way very similar to that of conventional manuscripts (see also the [Guide to Publishing with Elsevier](#)). Note that source files of figures, tables and text graphics will be required whether or not you embed your figures in the text. See also the section on Electronic artwork.

To avoid unnecessary errors you are strongly advised to use the 'spell-check' and 'grammar-check' functions of your word processor.

Article structure

This section describes the article structure for this journal.

Subdivision - unnumbered sections

Divide your article into clearly defined sections. Each subsection is given a brief heading (Introduction, Material and methods, Results, Discussion and Conclusions). Each heading should appear on its own separate line. Subsections should be used as much as possible when cross-referencing text: refer to the subsection by heading as opposed to simply 'the text'.

Introduction

It should provide sufficient and relevant information on the topic to be analyzed or allow the understanding of non-specialized readers. It should also include the hypothesis or scientific background that guided the experimental lay out of the work as well as its clearly defined objectives. References mentioned in this section should be the most relevant ones with respect to the topic and must be carefully chosen.

Material and methods

This section should include an accurate and detailed description of the methods, equipment, reagents and procedures used, so that the experiments could be replicated. Frequently used or routine procedures and techniques may be mentioned by specific reference (eg. MIC determination by the CLSI methods, 2013). New methods or those especially developed for the study should be described in detail, as well as infrequent drug sources or biological materials (bacterial, viral, fungal strains and plasmids, etc.). Trademarks and origin of reagents, culture means and equipment should be indicated in the text the first time they are mentioned, identifying the commercial brand name, state and country of origin.

Results

Results should be clear and concise.

Discussion

This should explore the significance of the results of the work, not repeat them. A combined Results and Discussion section is often appropriate. Avoid extensive citations and discussion of published literature.

Conclusions

The main conclusions of the study may be presented in a short Conclusions section, which may stand alone or form a subsection of a Discussion or Results and Discussion section.

Essential title page information

- **Title.** Concise and informative. Titles are often used in information-retrieval systems. Avoid abbreviations and formulae where possible.
- **Author names and affiliations.** Please clearly indicate the given name(s) and family name(s) of each author and check that all names are accurately spelled. You can add your name between parentheses in your own script behind the English transliteration. Present the authors' affiliation addresses (where the actual work was done) below the names. Indicate all affiliations with a lower-case superscript letter immediately after the author's name and in front of the appropriate address. Provide the full postal address of each affiliation, including the country name and, if available, the e-mail address of each author.
- **Corresponding author.** Clearly indicate who will handle correspondence at all stages of

refereeing and publication, also post-publication. This responsibility includes answering any future queries about Methodology and Materials. **Ensure that the e-mail address is given and that contact details are kept up to date by the corresponding author.**

- ***Present/permanent address.*** If an author has moved since the work described in the article was done, or was visiting at the time, a 'Present address' (or 'Permanent address') may be indicated as a footnote to that author's name. The address at which the author actually did the work must be retained as the main, affiliation address. Superscript Arabic numerals are used for such footnotes.

Abstract

A concise and factual abstract is required. The abstract should state briefly the purpose of the research, the principal results and major conclusions (Originals and Special Articles: 250 words/Brief Reports: 150 words). An abstract is often presented separately from the article, so it must be able to stand alone. For this reason, References should be avoided, but if essential, then cite the author(s) and year(s). Also, non-standard or uncommon abbreviations should be avoided, but if essential they must be defined at their first mention in the abstract itself.

Graphical abstract

Although a graphical abstract is optional, its use is encouraged as it draws more attention to the online article. The graphical abstract should summarize the contents of the article in a concise, pictorial form designed to capture the attention of a wide readership. Graphical abstracts should be submitted as a separate file in the online submission system. Image size: Please provide an image with a minimum of 531 x 1328 pixels (h x w) or proportionally more. The image should be readable at a size of 5 x 13 cm using a regular screen resolution of 96 dpi. Preferred file types: TIFF, EPS, PDF or MS Office files. You can view [Example Graphical Abstracts](#) on our information site.

Abbreviations

Define abbreviations that are not standard in this field in a footnote to be placed on the first page of the article. Such abbreviations that are unavoidable in the abstract must be defined at their first mention there, as well as in the footnote. Ensure consistency of abbreviations throughout the article.

Acknowledgements

Collate acknowledgements in a separate section at the end of the article before the references and do not, therefore, include them on the title page, as a footnote to the title or otherwise. List here those individuals who provided help during the research (e.g., providing language help, writing assistance or proof reading the article, etc.).

Formatting of funding sources

List funding sources in this standard way to facilitate compliance to funder's requirements:

Funding: This work was supported by the National Institutes of Health [grant numbers xxxx, yyyy]; the Bill & Melinda Gates Foundation, Seattle, WA [grant number zzzz]; and the United States Institutes of Peace [grant number aaaa].

It is not necessary to include detailed descriptions on the program or type of grants and awards. When funding is from a block grant or other resources available to a university, college, or other research institution, submit the name of the institute or organization that provided the funding.

If no funding has been provided for the research, it is recommended to include the following sentence:

This research did not receive any specific grant from funding agencies in the public, commercial, or not-for-profit sectors.

Units

Follow internationally accepted rules and conventions: use the international system of units (SI). If other units are mentioned, please give their equivalent in SI.

Artwork

This section describes the artwork for this journal.

Image manipulation

Whilst it is accepted that authors sometimes need to manipulate images for clarity, manipulation for purposes of deception or fraud will be seen as scientific ethical abuse and will be dealt with accordingly. For graphical images, this journal is applying the following policy: no specific feature within an image may be enhanced, obscured, moved, removed, or introduced. Adjustments of brightness, contrast, or color balance are acceptable if and as long as they do not obscure or eliminate any information present in the original. Nonlinear adjustments (e.g. changes to gamma settings) must be disclosed in the figure legend.

Electronic artwork

General points

- Make sure you use uniform lettering and sizing of your original artwork.
- Embed the used fonts if the application provides that option.
- Aim to use the following fonts in your illustrations: Arial, Courier, Times New Roman, Symbol, or use fonts that look similar.
- Number the illustrations according to their sequence in the text.
- Use a logical naming convention for your artwork files.
- Provide captions to illustrations separately.
- Size the illustrations close to the desired dimensions of the published version.
- Submit each illustration as a separate file.
- Ensure that color images are accessible to all, including those with impaired color vision.

A detailed [guide on electronic artwork](#) is available.

You are urged to visit this site; some excerpts from the detailed information are given here.

Formats

If your electronic artwork is created in a Microsoft Office application (Word, PowerPoint, Excel) then please supply 'as is' in the native document format.

Regardless of the application used other than Microsoft Office, when your electronic artwork is finalized, please 'Save as' or convert the images to one of the following formats (note the resolution requirements for line drawings, halftones, and line/halftone combinations given below):

EPS (or PDF): Vector drawings, embed all used fonts.

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TIFF (or JPEG): Combinations bitmapped line/half-tone (color or grayscale), keep to a minimum of 500 dpi.

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- Supply files that are optimized for screen use (e.g., GIF, BMP, PICT, WPG); these typically have a low number of pixels and limited set of colors;
- Supply files that are too low in resolution;
- Submit graphics that are disproportionately large for the content.

Color artwork

Please make sure that artwork files are in an acceptable format (TIFF (or JPEG), EPS (or PDF) or MS Office files) and with the correct resolution. If, together with your accepted article, you submit usable color figures then Elsevier will ensure, at no additional charge, that these figures will appear in color online (e.g., ScienceDirect and other sites). [Further information on the preparation of electronic artwork](#).

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Ensure that each illustration has a caption. Supply captions separately, not attached to the figure. A caption should comprise a brief title (**not** on the figure itself) and a description of the illustration. Keep text in the illustrations themselves to a minimum but explain all symbols and abbreviations used.

Tables

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References

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Chemother. 2005;49:3198-202.

b.Chapters of books/modules

Martins Teixeira L, Siqueira Carvalho M da G, Facklam RR. Enterococcus. En: Murray PR, Baron EJ, Jorgensen JH, Landry ML, Pfaller MA, editors. Manual of Clinical Microbiology, 9th edition. Washington DC, ASM Press, 2007, p. 430-42.

c.Presentations in scientific meetings or other events

Aguilar M, Punschke K, Touati D, Pianzzola MJ. Estudios fisiológicos y genéticos en la bacteria sulfato reductora *Desulfoarculus baarsii*. Terceras Jornadas Rioplatenses de Microbiología, 1997, Resumen J2, p. 102, Ciudad Autónoma de Buenos Aires, Argentina.

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Fellner MD, Correa RM, Durand K, Teyssié AR, Picconi MA. Análisis del ADN circulante de virus Epstein-Barr (EBV) en pacientes inmunosuprimidos con y sin linfomas asociados. VIII Congreso Argentino de Virología, Resumen 10416. Rev Argent Microbiol. 2005;37 Supl 1:95.

e.Institutional publications

Clinical and Laboratory Standards Institute. Disk diffusion.Performance Standards for Antimicrobial Susceptibility Testing; 15th Informational Supplement, 2005; M100-S15.Wayne, PA, EE.UU.

f.Theses

Brizzio A. Aplicación de una PCR múltiple para la identificación de cepas de *Staphylococcus aureus* toxigénicas. Tesis de Maestría en Microbiología Molecular 2009. ANLIS "Dr. Carlos G. Malbrán" y Universidad Nacional de San Martín.

g.On-line references

For on-line Books

Sullivan CJ, editor. 1999-2001. Fungi: an evolving electronic resource for the microbiological community. ASM Press. [On-line]<http://link.asmsa.de/link/service/books/91090>. Last checked September 7th, 2001.

For on-line versions of printed journals

Van der Zeiss L, Danziger VB. History of clinical microbiology. Clin Microbiol. 1999;100:123-234. [On-line]

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Zellnitz F, Foley PM. October 1998, posting {or revision} date. History of virology. Am Virol J. 1998;1:30-50. [Online] <http://www.avj.html>.

For manuscripts published *on line* in advance of their publication

Zheng Z, Zou J. 5 September 2001. The initial step of the glycerolipid pathway: identification of glycerol-3-phosphate/dihydroxy-acetone phosphate dual substrate acyltransferases in *Saccharomyces cerevisiae*. J Biol Chem. 10.1074/jbc.M104749200.

For databases and websites not published in journals

Orpha.net [Internet]. Paris: Orphanet; 2000 [updated February14 2013; cited April 4 2013]. Available from: <http://www.orpha.net/consor/cgi-bin/index.php>

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