DESCRIPTION

Archives of Medical Research publishes original peer-reviewed medical research in an attempt to bridge the gaps created by medical specialization. Contributions are grouped into three main categories - biomedical, clinical, and epidemiological. Review articles and preliminary communications will also be considered. As an international publication, the study of diseases is presented from various perspectives to provide the medical community with original investigation from molecular biology to clinical epidemiology within a single publication.

Benefits to authors
We also provide many author benefits, such as free PDFs, a liberal copyright policy, special discounts on Elsevier publications and much more. Please click here for more information on our author services.

Please see our Guide for Authors for information on article submission. If you require any further information or help, please visit our Support Center.

IMPACT FACTOR

2018: 1.895 © Clarivate Analytics Journal Citation Reports 2019

ABSTRACTING AND INDEXING

Scopus
Embase
Current Contents - Life Sciences
Science Citation Index
PubMed/Medline
Embase
Chemical Abstracts
LILACS - Literatura Latino-Americana e do Caribe em Ciências da Saúde
EDITORIAL BOARD

*General Director*
V. H. Borja Aburto

*Associate Director*
A. C. Sepúlveda Vildósola

*Emeritus Editor*
L. Benítez-Bribiesca †

*Editor-in-Chief*
A. C. Sepúlveda Vildósola

*Associate Editor*
M. López-Alarcón

*Advisory Board*
T. Corona-Vázquez
J. Escobedo Peña
G.E. Fajardo-Dolci
D. Kershenobich
J. Mas-Oliva
M. Mercado Atri
P. Ostrosky-Wegman
R. Paniagua-Sierra
S. Ponce de León

*Clinical Statistical Reviewer*
J.M. Mejía Aranguré

*Technical Biomedical Reviewer*
P. García de la Torre

*Technical Reviewer*
O. Fuentes-Porragas

*Electronic Supporting Staff*
A. Meza Narvaez

*Graphic Design*
S. Salas-Lizana

*Editorial Board*
C. Aguilar-Salinas, Mexico
O. Fadare, United States
J. Jiang, Beijing, China
R.B. Maccioni, Chile
M. Miller, United States
G. Morali-de la Brena, Mexico
R. Richards, Australia
H. Roudkenar Mehryar, Iran
J. Sharma, Kuwait
A. Tovar, Mexico
GUIDE FOR AUTHORS

Editorial policies
It is published eight times per year and includes articles covering all areas of medical research relevant to human disease. Articles reporting original research that demonstrate pertinence to human medical investigation are encouraged and can be published as Original Articles, Review Articles, Preliminary Reports, Opinion and Letters to the Editor, written by experts in their field. Archives of Medical Research does not hold liability for any statements made by the authors.

Manuscripts proficiently drafted in scientific English are accepted from authors in any country and must be exclusively submitted to the Editor-in-chief, Ana Carolina Sepúlveda Vildósola, via https://www.evise.com/profile/#/ARCMED/login. The Editorial Office of Archives of Medical Research is located at Centro Médico Nacional Siglo XXI, Unidad de Congresos, Bloque B, 4º piso, Av. Cuauhtémoc #330 Col. Doctores, 06725 México, D.F., México (Fax: +51 55 57 61 15 03), E-mail address: archmedres@gmail.com. Once all the Elsevier Electronic System (EES) manuscript submission requirements are fulfilled, the paper will be accepted for submission and immediately a letter of acknowledgment of receipt will be automatically sent to the corresponding author, along with an EES access number that must be used in any communication from then on. After peer-review and acceptance, the manuscript production status may be obtained from Elsevier Production Tracking System at: https://www.evise.com/profile/#/ARCMED/login. Moreover, all manuscript reviewers, to whom we are most grateful for the time and expertise they devote to our peer-review process, will be asked to enter the EES system at https://www.evise.com/profile/#/ARCMED/login for all communications regarding the manuscript.

Archives of Medical Research is a hybrid journal, which means that its content can be available either via subscription or Open Access (OA). Subscriptions are offered on a yearly basis. The annual fee is 192 USD for individuals in the U.S. and 224 USD for individuals outside the U.S. At the same time, Archives of Medical Research offers authors the option to publish the accepted manuscripts in Open Access, which means that such articles will be immediately and permanently free for everyone to read and download with permitted reuse. An OA publication fee (2,500 USD) has to be paid by the authors or their research funder.

Preprint Servers
Archives of Medical Research will consider articles previously available as preprints on noncommercial servers such as ArXiv, bioRxiv, psyArXiv, SocArXiv, engrXiv, among other repositories, for review. Authors may also post the submitted version of their manuscript to noncommercial servers at any time. Authors are requested to update any pre-publication versions with a link to the final published article.

Data Sharing Encouragement
Archives of Medical Research encourages authors to share data and other documents that support the results in their paper by archiving them in an appropriate public repository. Authors must include a statement of data accessibility, including a link to the repository they have used so that this statement can be published alongside their paper.

Publication Ethics
Archives of Medical Research adheres to the code of conduct and best practice guidelines for actors (editors, editorial committee, authors and reviewers) involved in this journal's publication process established by the Committee on Publication Ethics (COPE), available at: www.publicationethics.org, in like manner, the guidelines defined by the International Committee of Medical Journal Editors (ICMJE) are followed, available at: www.icmje.org

This journal utilizes a plagiarism detection system. By submitting a manuscript to this journal the authors accept that their manuscript is screened for plagiarism of previously published works.
Archives of Medical Research only publishes original works not published anywhere else. All the submissions will be checked for plagiarism and may be rejected on this basis, regardless of their quality.

Retractions and Expressions of concern
Retractions: Articles may be retracted for scientific or ethical reasons. Articles that contain seriously flawed or erroneous data, such that their findings and conclusions cannot be relied upon, may be retracted in order to correct the scientific record. Retractions may be requested by the articles' author(s) or by the journal's Associate Editors, but are ultimately published at the discretion of the Editor-in-chief. When an article is retracted, a Notice of Retraction will be published; it will contain information about the original article title, list of authors and the reason for such retraction.

Retracted articles will be accompanied by the corresponding Notice of Retraction and will be marked as "Retracted". The article originally published will remain on the Web except in extraordinary circumstances (e.g., when deemed legally necessary, or if the availability of the published content poses public health risks). Archives of Medical Research follows the Committee on Publication Ethics (COPE) when considering retractions; for more information see: http://publicationethics.org

Expressions of Concern: Archives of Medical Research follows guidance from the Committee on Publication Ethics (COPE) when considering expressions of concern; for more information see: http://publicationethics.org. Expressions of concern are published at the discretion of the Editor-in-chief. Upon completion of any related investigation and when a final determination is reached on the outcome of the article, the expression of concern may be replaced with a notice of retraction or correction.

Natural Products
Studies that mention the use of natural products must first describe the active compounds, should they be known, and describe as well as their significant actions. All active agents should be sufficiently identified with chemical names as well as registry numbers and common names where appropriate. Studies that do not include these may be rejected without further review. The use of purified agents is encouraged.

Section policies
Manuscripts received in Archives of Medical Research must report noteworthy research and demonstrate relevance in human medical research.

• Original Articles. These describe original results of broad appeal with sufficient information to be critically evaluated. Archives of Medical Research will foster contributions that have clinical application in humans (see Articles in Online submission).

• Review Articles. At the invitation of the Editor-in-chief. These describe current controversies in a field, giving an overview of the relevant literature. Specific viewpoints may be included as long as they are properly substantiated. Their main purpose is to provide updated information about a topic by an expert in the field (see Review articles in Online submission).

• Preliminary Reports. Brief reports on novel and relevant findings for the medical practice. These contributions are taken into account owing to their novelty, immediacy, importance and integrity and can report on preliminary results (see Preliminary reports in Online submission).

• Opinion. Articles expressing the authors' point of view on a medical topic (see Opinion in Online submission).

• Letters to the Editor. Texts that refer to documents published in Archives of Medical Research (see Letters to the Editor in Online submission).

Manuscripts submitted are subject to peer review. Papers will be evaluated by at least two anonymous experts, either members of the Editorial Board or qualified invited referees. Papers should be concise, but with sufficient experimental detail to permit a critical appraisal of the work. Unnecessary repetition should be avoided. Responsibility for the accuracy of materials in the manuscripts, including appropriate references to related work, lies entirely with the authors.
Open access
Please visit our Open Access page from the Journal Homepage for more information.

Article structure
Manuscript preparation

Assemble the manuscript in this order: Title page Abstract & Key Words Text Acknowledgments References Tables, Figure Legends & Illustrations

Prepare the manuscript in word processor using 12 point Times New Roman font, with 1 inch margins all around, flush left margin without paragraph indents, unjustified right margin. This format includes the title page, where all information should be presented as previously mentioned. Do not boldface any information unless it is explained and necessary. Do not center any information.

Online submission

All the contributions submitted to Archives of Medical Research must be written proficiently in scientific English and be sent electronically over the platform EVISE: https://www.evise.com/profile/#/ARCMED/login

Ensure that the following items are present before submission: Cover Letter: Addressed to the journal's editor-in-chief. It must include the manuscript title and expressly state that the authors had access to data and analysis and that sponsors (in case of existing) did not influence the results at all. The letter must mention that the manuscript has not been previously published or simultaneously submitted to any other journal for publication, that all the authors accepted the paper in its present condition and that they agree with what is expressed in it. Agreement Letter: All the authors must individually complete the agreement letter form, where the ORCID ID will be indicated, if there is a conflict of interest it must be expressly indicated, as well as the contributions to the manuscript by each author. Title page: indicate the title, which must be brief and concise -no longer than 150 characters- and a running title, no longer than 50 characters. Following the title and running title, all author names should be listed, without any degrees or titles. The authors' full names must be included in the exact order in which they will appear, without resorting to the use of acronyms and in superscript letters. The corresponding author must be clearly identified. The Editors of Archives of Medical Research reserve the right to modify titles when deemed appropriate. Affiliations (without street addresses) should be listed below author names, using a superscript letter to identify the authors with their corresponding affiliation. The author to whom correspondence should be sent should be listed below the affiliations and should include complete name, street address, city, state, country, postal code, FAX number (if applicable), and e-mail address (obligatory for submission).

Original Articles Structured Abstract, which has to include: sections entitled background, aim of the study, methods, results, and conclusions. It should be written in no more than 250 words, followed by four to six key words or short phrases for cross-indexing. Refer to the Medical Subject Headings-Annotated Alphabetic List (National Institutes of Health, National Library of Medicine, Library Operations, Medical Subject Headings, Bethesda, MD 20894, USA, http://www.nlm.nih.gov/mesh) for internationally accepted subject headings. Do not cite References in the Abstract. The main text comprises an introduction ending the section with the aim of the study; materials and method; results; discussion and conclusions; declaration of absence of conflicts of interest; acknowledgments and, references. For keywords, tables, figures and illustrations follow the criteria indicated at the end of this section.

Review articles Abstract page in free format The main text comprises an introduction, the main text subdivided in sections, discussion and conclusions; declaration of absence of conflicts of interest; acknowledgements and, references For keywords, tables, figures and illustrations follow the criteria indicated at the end of this section. Review articles must not exceed 7,000 words. Review articles must include a minimum of 60 references relevant to the topic.

Preliminary reports Abstract page in free format. Concise presentations of research results that include a sufficient explanation of experimental and methodological data. For keywords, tables, figures and illustrations follow the criteria indicated at the end of this section. Preliminary reports must not exceed 2,500 words, including all the sections as well as the legends of tables and figures.
Opinion  Items should not exceed 850 words, including the text proper, references and acknowledgements; there is no requirement for a title page but a cover letter and agreement letter must be provided.

Letters to the Editor

These are brief communications to comment on a key or a general interest issue regarding an article previously published in the journal. The following elements must be included: Manuscript: the text of the letter, which can be of up to 500 words and include up to three bibliographic references. For keywords and figures (two at most) follow the criteria indicated at the end of this section.

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 × 1328 pixels (h × w) or proportionally more. The image should be readable at a size of 5 × 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.

Authors can make use of Elsevier’s Illustration Services to ensure the best presentation of their images and in accordance with all technical requirements.

Instruction for keywords, tables, figures and illustrations

Keywords: indicate up to six words or terms to be used as index terms, separated by semicolons (;). Use terms from the medical subject headings list of: https://www.nlm.nih.gov/mesh/

Tables and Figures: No more than 6 tables and/or figures will be regularly accepted (exceptions may be discussed). Tables or Figures used from another published source (either exactly or closely adapted) require written permission from the publisher. It is the author’s responsibility to obtain this permission upon acceptance of the manuscript by Archives of Medical Research. Elsevier will not publish any material that has been previously published without this permission. Manipulation of images for the purposes of deception or fraud is considered an ethical abuse and precludes the suspension of authors to publish again in this journal. Take into account the following recommendations: Tables and figures must include their legends Tables and figures must be sent separately. Be sure that all tables and figures are mentioned in the text. Tables should be formatted in a word processing package and must be double spaced. Each table should be included on a separate page. Tables should be self-contained and self-explanatory. Provide a title for each table and use Arabic numerals. Do not use vertical lines to separate information within the table. Avoid the use of both tables and graphs to illustrate the same results and similarly, avoid detailed description of information in either within the text if that information can be easily observed in the tables and figures. Use superscript letters for table legends.

Illustrations. Instructions for submitting Figures may be found on the EVISE page (https://www.evise.com/profile/#/ARCMED/login) under Author Information Artwork Guidelines. Original illustrations should be professionally designed, in two dimensions, separately from the text (tables are included with the text), and submitted with the manuscript in recent versions of software programs. (Elsevier recommends that only JPEG, EPS, or PDF formats be used for electronic artwork.) Figure size must be at least 8.5 cm (maximum 17.6 cm) in width. Resolution of the jpg images must be at least 300 dpi. Color illustrations are encouraged; however, the cost of color printing is at the author’s expense and arranged directly with the publisher (t.monturano@elsevier.com). The electronic version will contain color illustrations.

References: Accuracy of references is the responsibility of the authors. Copy authors' names, article titles and other publisher information. Take into account the following instructions: Confirm that all references mentioned in the text are presented in the Reference section at the end of the paper (and vice versa). References mentioned within text should be presented in Arabic numbers in parentheses and appear before the ending punctuation if at the end of the sentence. Do not superscript reference numbers. References are numbered sequentially in the text. The Reference list at the end of the paper should be numbered in the order as mentioned in the text and must match the in-text citation. Limit the number of authors listed to three, after that, use et al. References
may contain only published works and papers in press. Works in progress, manuscripts submitted but not yet accepted, unpublished data, and personal communications may only be acknowledged (in parentheses) within the text (including year).

All the references should be listed numerically in Vancouver format, according to the order of appearance in the text. Identifying references in the text using parenthesis in superscripts. If a reference repeats, its original number will be maintained. Personal communications are directly cited in the text, in parentheses, including name of the author and year; they must be neither numbered nor included in the reference list. In the case of data not published yet, if they are not part of a repository they will be cited in the text, in parentheses, including the name of the author and year; they must be neither numbered nor listed in the references. However, in the case that such data are available at a repository, they must be included in the reference listing in Vancouver format, expressly indicating its corresponding DOI. Abbreviations of cited journals must correspond with those used in Index Medicus. When the bibliographic references include more than six coauthors, the names of the first three will be written followed by "et al.". It is necessary to respect the use of upper cases and punctuation: Printed article:
Author(s) or organization. Title of the article. Name of the journal [as it is referred to in Index Medicus] year; volume (number): initial and final page. Article in electronic format:
Author(s) or organization. Title of the article. Name of the journal. Internet address at which it can be consulted (URL) or DOI. Consultation date. Book:
Author(s) or organization. Book title. Edition [if it is not the first]. City where it was published: Publisher, year. Book in electronic format:
Author(s) or organization. Book title. Edition [if it is not the first]. Publisher, year. Internet address at which it can be consulted (URL) or DOI. Book chapter:
Author(s) of the chapter. Chapter title. In: Author or editor of the book (ed). Book title. Edition [if it is not the first]. City where it was published: Publisher; year, pages.

**Supplementary material**
Authors may send supplementary images, tables, figures and videos to be added online. For further information please access: [www.elsevier.com/artworkinstructions](http://www.elsevier.com/artworkinstructions)

**Specific types of studies**

**Epidemiological studies**
Authors should include the following information in their reports:
Details of the study
Population sampled: national, regional or specific selected group. Indicate if the sample population is representative of a national or regional population. If neither, state from which population the sample was drawn, giving details and stating why this group may be of significance. If using national or local definitions, a reference to the source tables giving the cut-off criteria should be provided (also cite this in the Reference list). The number of patients and the number of controls must be indicated.
Time of data collection.

**Biomedical studies**
All animal experiments must have been conducted in accordance to ARRIVE guidelines for animal experiments and the authors should clearly indicate in the manuscript that such guidelines have been followed. For more details see: [https://www.elsevier.com/__data/promis_misc/622936arrive_guidelines.pdf](https://www.elsevier.com/__data/promis_misc/622936arrive_guidelines.pdf)

The Ethics Committee of the institutions of the participating authors must approve all protocols involving animal experiments. Please refer to the proportion of male/female animals in your study.

**Clinical Studies**
Clinical trials published in Archives of Medical Research are encouraged to have been prospectively registered in a public trials registry. The details of this policy are found in "Uniform Requirements for Manuscripts Submitted to Biomedical Journals": [http://www.ICMJE.org](http://www.ICMJE.org) Authors are encouraged to follow the CONSORT guidelines for randomized trials, STROB guidelines for observational studies and PRISMA guidelines for systematic reviews and meta-analyses. Details are also found in "Uniform Requirements for Manuscripts Submitted to Biomedical Journals": [http://www.ICMJE.org](http://www.ICMJE.org)
**Editorial review**

*Archives of Medical Research* demands from its Editorial Board, Panel of Reviewers and authors to ensure the fulfillment of the ethical obligations defined by the *Committee on Publication Ethics* (COPE), whose guide can be downloaded from: [https://publicationethics.org/files/Ethical_Guidelines_For_Peer_Reviewers_2.pdf](https://publicationethics.org/files/Ethical_Guidelines_For_Peer_Reviewers_2.pdf)

Authors who submit a paper to *Archives of Medical Research* must send - in full and in their final version - all documents indicated in the Online submission section. Once the editorial team verifies that the submission meets all the requirements, the text will be sent to editorial review, which comprises the following stages: It will be checked for plagiarism using the tool approved by the Editorial Committee for plagiarism detection. If possible plagiarism is detected or reported in a published text, the procedure to follow will be the one defined by the *Committee on Publication Ethics*, available at: [www.publicationethics.org](http://www.publicationethics.org) It will be subject to an initial editorial review. At the conclusion of this stage it may receive: a) an in-house rejection or b) a recommendation for submission to peer review. Once the submitted article has passed through this initial editorial review, the corresponding author will be formally notified of our decision. Authors can keep track of the editorial process on the electronic platform. When accepted, it will be published in an "article-release" basis and can be consulted in the webpage [https://www.journals.elsevier.com/archives-of-medical-research](https://www.journals.elsevier.com/archives-of-medical-research). Numbers will be integrated once the amount of manuscripts for each is reached. Open access format is available for interested authors.

**Peer-review process**

All articles are subjected to a full peer review. Comments and requests from the reviewers and the Editor will be sent to the corresponding author. The authors must edit the article and submit it in a revised form, providing clear details of the changes and responses to the comments. The revised version will be considered by the Editor-in-chief, and if necessary by the reviewers, before a final decision is made. The Editors retain the right to make editorial changes and to decide the Number in which each article will be published (major changes will be agreed upon with the corresponding author).

**Authors' obligations**

**Ethical responsibilities**

Protection of human beings and animals. All the studies involving data on human beings must have their written consent and must be approved by an Ethics Committee of the participant institution, which has to be attached to the documents submitted over the EES platform. The authors undertake to follow the ethical regulations of the World Medical Association and the Declaration of Helsinki, available at: [https://www.wma.net/policies-post/wma-declaration-of-helsinki-ethical-principles-for-medical-research-involving-human-subjects/](https://www.wma.net/policies-post/wma-declaration-of-helsinki-ethical-principles-for-medical-research-involving-human-subjects/)

**Funding** The authors must declare the origin of any economic support they have received.

**Authorship** *Archives of Medical Research* follows the requirements established by the Committee of Medical Journal Editors as regarding authorship. The list of authors must only include people who intellectually contributed to development of the work. Support on data gathering or participation in one technique, on their own, are not sufficient criteria to be listed as an author. In case of collective authorship, the name of the drafters or responsible of the work will be included followed by "and the Group..." when all the members of the group are considered coauthors of the work. If the name of the group is to be included, even though not all the members are considered coauthors, the responsible authors are listed followed by "on behalf of the Group" or "from the Group". In any case, the names and institutions of the members of the group will be included in an annex at the end of the paper. In general, to be considered an author, Archives of Medical Research will take into account the guidelines provided by the Committee of Medical Journal Editors: [http://www.icmje.org/recommendations/browse/roles-and-responsibilities/defining-the-role-of-authors-and-contributors.html](http://www.icmje.org/recommendations/browse/roles-and-responsibilities/defining-the-role-of-authors-and-contributors.html)

**Conflict of interest** Authors must state explicitly when there is a conflict of interest. In this regard they must fill the required forms. There exists a conflict of interest when the author had or has economic or personal relationships that can be considered a source of bias or influence over the results of the study. The potential conflict of interest exists regardless of whether the
authors consider that such relationships influence or not their criteria. The authors will describe, in the cover letter and in the section for additional information at the EES platform, any financial or personal relationship they had or have, at the moment of drafting or submitting the manuscript, with people or institutions and which may give rise to a conflict of interest regarding the manuscript submitted for publication. The declarations will be included in the digital issue. *Archives of Medical Research* will take into account the recommendations provided by the Committee of Medical Journal Editors about conflicts of interest: http://www.icmje.org/recommendations/browse/roles-and-responsibilities/author-responsibilities--conflicts-of-interest.html

**Obtaining permissions** The authors are responsible for obtaining the permissions for the total or partial reproduction of material associated to the article (for example text, tables or figures) from other publications in a timely manner. These permissions must be requested of both the editor and publisher of such materials.

**Copyrights** It is the authors’ responsibility, by means of a letter and using separate forms, to transfer the authors’ property rights to the *Instituto Mexicano del Seguro Social* and to Elsevier B.V. publishing company.

© Copyright 2018 Elsevier | https://www.elsevier.com