DESCRIPTION

Journal of Oral Biology and Craniofacial Research (JOBCR) is the official journal of the Craniofacial Research Foundation (CRF).

The journal aims to provide a common platform for both clinical and translational research and to promote interdisciplinary sciences in craniofacial region. JOBCR publishes content that includes diseases, injuries and defects in the head, neck, face, jaws and the hard and soft tissues of the mouth and jaws and face region; diagnosis and medical management of diseases specific to the orofacial tissues and of oral manifestations of systemic diseases; studies on identifying populations at risk of oral disease or in need of specific care, and comparing regional, environmental, social, and access similarities and differences in dental care between populations; diseases of the mouth and related structures like salivary glands, temporomandibular joints, facial muscles and perioral skin; biomedical engineering, tissue engineering and stem cells.

The journal publishes reviews, commentaries, peer-reviewed original research articles, short communication, and case reports.

ABSTRACTING AND INDEXING

PubMed Central

EDITORIAL BOARD

Editor-in-Chief
Divya Mehrotra, Dept. of Oral and Maxillofacial Surgery, King George’s Medical University, Lucknow, India

Associate Editors
Cyrus Kerawala, Head and Neck Unit, The Royal Marsden NHS Trust, London, UK
Pushkar Mehra, Chairman, Department of Oral and Maxillofacial Surgery, Goldman School of Dental Medicine, Chief of Service, Oral and Maxillofacial Surgery, Boston University, Boston, USA
Editorial Team

Section Trauma

Section Editor:
Ajoy Roy Chaudhary, Dept of OMFS, AIIMS, New Delhi, India

Assistant Editor:
Sachin K. Rai, Dept of OMFS, PGI, Chandigarh, India

Section Esthetics

Section Editor:
David Koppel, Dept of OMFS, Southern General Hospital, Glasgow, Scotland, UK

Assistant Editor:
Vinay Chugh, Dept of Orthodontics, AIIMS, Jodhpur, India

Section TMJ

Section Editor:
Andrew J. Sidebottom, Maxillofacial Unit, Queen's Medical Centre, Nottingham, England, UK

Assistant Editor:
Ongkila Bhutia, Dept of OMFS, AIIMS, New Delhi, India

Section Developmental Anomalies & Pathologies

Section Editor:
MM Goel, Dept of Pathology, King George's Medical University, Lucknow, India

Assistant Editor:
Shaleen Chandra, Dept of Oral Pathology, King George's Medical University, Lucknow, India

Section Reconstruction & Quality of Life

Section Editor:
Rajiv Agarwal, Plastic Surgery, Sanjay Gandhi Post Graduate Institute of Medical Sciences (SGPGI), Lucknow, India

Assistant Editor:
Steven Caldroney, Oral and Maxillofacial Surgery, Boston University, USA

Section Genetics & Immunology

Section Editor:
Balraj Mittal, Dept of Genetics, Sanjay Gandhi Post Graduate Institute of Medical Sciences (SGPGI), Lucknow, India

Assistant Editor:
Smita Kumar, Plant molecular biology and genetic engineering, The National Botanical Research Institute, Council for Scientific and Industrial Research (CSIR), Lucknow, India

Section Implants

Section Editor:
Alfonso Caiazzo, Salerno, Italy

Assistant Editor:
Yazad Gandhi, Mumbai, India

Section Oncology

Section Editor:
Bina Ravi, Dept of Surgery, AIIMS, Rishikesh, India

Assistant Editor:
Rahul Jayaram, Head and Neck Surgeon, St George's, University of London, London, UK
Section Minor oral Surgeries
Section Editor:
Richard D’Innocenzo, School of Dental Medicine, Boston University, Boston, Massachusetts, USA
Assistant Editor:
Ankita Chugh, Dept of Dentistry, AIIMS, Jodhpur, India

Section Preventive, Restorative & Rehab
Section Editor:
Anil Chandra, Dept of Conservative Dentistry, King George’s Medical University, Lucknow, India
Assistant Editor:
Nitesh Tewari, Dept of Pedodontics, AIIMS, New Delhi, India

Section Pharmacotherapy
Section Editor:
KK Pant, Dept of Pharmacology, King George’s Medical University, Lucknow, India
Assistant Editor:
Anuradha Nischal, Dept of Pharmacology, King George's Medical University, Lucknow, India

Section Epidemiology
Section Editor:
CM Pandey, Dept of Biostatistics, Sanjay Gandhi Post Graduate Institute of Medical Sciences (SGPGI), Lucknow, India
Assistant Editor:
Manish Singh, Asst Prof, SPM, King George’s Medical University, Lucknow, India

Section Oral Biology
Section Editor:
Prabodh Kapoor, Centre for Biomedical Research, MD Anderson Cancer center, University of Texas, USA
Assistant Editor:
Richa Khanna, Dept of Pedodontics, King George's Medical University, Lucknow, India

Section Biomaterials and Regeneration
Section Editor:
DK Katti, Dept BSBE, Indian Institute of Technology (IIT) Kanpur, India
Assistant Editor:
Rameshwari Singhal, Dept of Periodontology, King George's Medical University, Lucknow, India
GUIDE FOR AUTHORS

INTRODUCTION

*Journal of Oral Biology and Craniofacial Research* is the official journal of the Craniofacial Research foundation with Editorial Office situated at Department of Oral & Maxillofacial Surgery, CSM Medical University, Lucknow. *Journal of Oral Biology and Craniofacial Research* will be published thrice a year by Elsevier India. The journal content will comprise of reviews, commentaries, research articles, short communication, and case reports. Through this journal, the Craniofacial Research Foundation aims to provide a common platform for both clinical and translational research and to promote interdisciplinary sciences in craniofacial region.

Vision:

- The journal will cover a major contribution of research in oral biology and craniofacial area
- Will have a wide readership, hence good popularity and fan following
- Will bring craniofacial research carried out in India to a global platform
- Will be a dream for a researcher in this field to be an author of this journal

Article Categories

The categories of articles that are published in the Journal are listed and described below. Please select the category that best describes your paper. If your paper does not fall into any of these categories, please contact the Editorial Office.

**Original Research Articles** are full-length papers that address research questions with exhaustive study design and methodology. The entire manuscript including abstract, tables, figures and references should not exceed 15 typed pages in double space or 2500 words and should not contain more than 25 references.

**Brief Communications** should not contain more than 2000 words (including abstract, figures, tables and references) describing important new observations in craniofacial research.

**Review** of basic and clinical topics of interest to the readership will be solicited by the editors. The length of review articles should not exceed fifteen typed pages.

**Case reports** should be limited to 1200 words, should not have more than 4 authors and should not contain over 2 illustrations and 10 references. Case reports submitted as 'Case Report and Review of Literature', must also conform to these rules.

**Letters to the editor** containing interesting observations and comments on the articles published in the journal are welcome for publication. Due care should be taken in the formation of the letter to avoid any misunderstanding. The replies to such letters will also be published as and when received from the authors. The letter and the reply should not exceed 300 words and should not contain more than 5 references.

Contact details for submission

If assistance is required by the authors, please refer to the tutorials for authors and/or customer support that are available on the EVISE website; you may also contact the Editorial Office. Please do not post, fax or e-mail your manuscripts to the Editorial Office.

Editorial Office

Journal of Oral Biology & Craniofacial Research

Dr. Divya Mehrotra
Professor
Department of Oral and Maxillofacial Surgery, CSMMU
(Erstwhile King George's Medical University), Lucknow, Uttar Pradesh, India
Email: editorjobcr@gmail.com

BEFORE YOU BEGIN
Manuscripts submitted to Journal of Oral Biology and Craniofacial Research should not have been published previously or be under simultaneous consideration for publication by any other journal. Violation may lead to a retraction of the published article by the Journal and other actions as deemed necessary by the editor. All articles (including those invited) will be peer-reviewed, and accepted articles will be edited to the Journal's style. Accepted manuscripts become the permanent property of the Journal and may not be reproduced, in whole or in part, without the written permission of the editor. Studies involving human subjects or animals should have received the approval of the institutional ethics committee. A statement to this effect and that informed consent was obtained from participating human subjects must be included in the manuscript text.

**Ethics in publishing**
Please see our information pages on Ethics in publishing and Ethical guidelines for journal publication.

**Ethical approval of studies and Informed consent**
Studies involving human subjects or animals should have received the approval of the institutional ethics committee. A statement to this effect and that informed consent was obtained from participating human subjects must be included in the manuscript text. Please 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 [http://www.wma.net/en/30publications/10policies/b3/index.html](http://www.wma.net/en/30publications/10policies/b3/index.html); EU Directive 2010/63/EU for animal experiments [http://ec.europa.eu/environment/chemicals/lab_animals/legislation_en.htm](http://ec.europa.eu/environment/chemicals/lab_animals/legislation_en.htm); Uniform Requirements for manuscripts submitted to Biomedical journals [http://www.icmje.org](http://www.icmje.org). Authors should 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.

**Conflict of interest**
JOBCR follows the ICMJE recommendations regarding conflict of interest disclosures. All authors are required to report the following information with each submission: (1) All third-party financial support for the work in the submitted manuscript. (2) All financial relationships with any entities that could be viewed as relevant to the general area of the submitted manuscript. (3) All sources of revenue with relevance to the submitted work who made payments to you, or to your institution on your behalf, in the 36 months prior to submission. (4) Any other interactions with the sponsor of outside of the submitted work should also be reported. (5) Any relevant patents or copyrights (planned, pending, or issued). (6) Any other relationships or affiliations that may be perceived by readers to have influenced, or give the appearance of potentially influencing, what you wrote in the submitted work. As a general guideline, it is usually better to disclose a relationship than not. This information will be acknowledged at publication in a Transparency Document link directly in the article. Additional information on the ICMJE recommendations can be found at: [http://www.icmje.org/](http://www.icmje.org/). The form for conflict of interest disclosure can be downloaded here: [http://www.icmje.org/coi_disclosure.pdf](http://www.icmje.org/coi_disclosure.pdf) (if this link does not display properly in your browser, please right-click the link and select "Save Target As..." or "Save Link as..." from the pop-up menu).

**Submission declaration and verification**
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 originality, your article may be checked by the originality detection service [Crossref Similarity Check](http://www.crossref.org/). Further information about Crossref Similarity Check is available at [http://www.crossref.org/similaritycheck/](http://www.crossref.org/similaritycheck/).

**Use of inclusive language**
Inclusive language acknowledges diversity, conveys respect to all people, is sensitive to differences, and promotes equal opportunities. Articles should make no assumptions about the beliefs or commitments of any reader, should contain nothing which might imply that one individual is superior to another on the grounds of race, sex, culture or any other characteristic, and should use inclusive language throughout. Authors should ensure that writing is free from bias, for instance by using 'he or she', 'his/her' instead of 'he' or 'his', and by making use of job titles that are free of stereotyping (e.g. 'chairperson' instead of 'chairman' and 'flight attendant' instead of 'stewardess').
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.

Only in exceptional circumstances will the Editor consider the addition, deletion or rearrangement of authors after the manuscript has been accepted. While the Editor considers the request, publication of the manuscript will be suspended. If the manuscript has already been published in an online issue, any requests approved by the Editor will result in a corrigendum.

Reporting clinical trials
Randomized controlled trials should be presented according to the CONSORT guidelines. At manuscript submission, authors must provide the CONSORT checklist accompanied by a flow diagram that illustrates the progress of patients through the trial, including recruitment, enrollment, randomization, withdrawal and completion, and a detailed description of the randomization procedure. The CONSORT checklist and template flow diagram are available online.

Copyright
Journal of Oral Biology and Craniofacial Research (JOBCR) is the official, peer-reviewed publication of the Craniofacial Research Foundation. Manuscripts published in the JOBCR become the permanent property of Craniofacial Research Foundation. All articles published in the Journal are protected by copyright, which covers the exclusive rights to reproduce and distribute the article, as well as translation rights. No JOBCR article, in part or whole, may be reproduced, stored in any retrieval system, or transmitted in any form or by any means, electronic, mechanical, by photocopying, recording, or otherwise, without prior written permission from Craniofacial Research Foundation.

Upon acceptance of an article, authors will be asked to complete a 'Journal Publishing Agreement' (for more information on this and copyright see https://www.elsevier.com/copyright). Acceptance of the agreement will ensure the widest possible dissemination of information. An e-mail will be sent to the corresponding author confirming receipt of the manuscript together with a 'Journal Publishing Agreement' form or a link to the online version of this agreement.

Author Rights
As an author you (or your employer or institution) have certain rights to reuse your work. For more information see https://www.elsevier.com/copyright

Funding/support Statement
All financial and material support for the research, work, writing and editorial assistance from internal or external agencies, including commercial companies, should be clearly and completely identified in a Funding/Support Statement. You are requested to identify who provided financial support for the conduct of the research and/or preparation of the article and to briefly describe the role of the sponsor(s), if any, in study design; in the collection, analysis and interpretation of data; in the writing of the report; and in the decision to submit the article for publication. If the funding source(s) had no such involvement then this should be stated. Please see https://www.elsevier.com/funding.

Copyright
Upon acceptance of an article, authors will be asked to complete a 'Journal Publishing Agreement' (see more information on this). An e-mail will be sent to the corresponding author confirming receipt of the manuscript together with a 'Journal Publishing Agreement' form or a link to the online version of this agreement.
Subscribers may reproduce tables of contents or prepare lists of articles including abstracts for internal circulation within their institutions. Permission of the Publisher is required for resale or distribution outside the institution and for all other derivative works, including compilations and translations. If excerpts from other copyrighted works are included, the author(s) must obtain written permission from the copyright owners and credit the source(s) in the article. Elsevier has preprinted forms for use by authors in these cases.

**Author rights**
As an author you (or your employer or institution) have certain rights to reuse your work. More information.

*Elsevier supports responsible sharing*
Find out how you can share your research published in Elsevier journals.

**Role of the funding source**
You are requested to identify who provided financial support for the conduct of the research and/or preparation of the article and to briefly describe the role of the sponsor(s), if any, in study design; in the collection, analysis and interpretation of data; in the writing of the report; and in the decision to submit the article for publication. If the funding source(s) had no such involvement then this should be stated.

**Funding body agreements and policies**
Elsevier has established a number of agreements with funding bodies which allow authors to comply with their funder's open access policies. Some funding bodies will reimburse the author for the gold open access publication fee. Details of existing agreements are available online.

**Green open access**
Authors can share their research in a variety of different ways and Elsevier has a number of green open access options available. We recommend authors see our open access page for further information. Authors can also self-archive their manuscripts immediately and enable public access from their institution's repository after an embargo period. This is the version that has been accepted for publication and which typically includes author-incorporated changes suggested during submission, peer review and in editor-author communications. Embargo period: For subscription articles, an appropriate amount of time is needed for journals to deliver value to subscribing customers before an article becomes freely available to the public. This is the embargo period and it begins from the date the article is formally published online in its final and fully citable form. Find out more.

This journal has an embargo period of 12 months.

**Language (usage and editing services)**
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 English Language Editing service available from Elsevier's Author Services.

**Identification of patients in descriptions, photographs and pedigrees**
A signed statement of informed consent to publish (in print and online) patient descriptions, photographs and pedigrees should be obtained from all persons (parents or legal guardians for minors) who can be identified (including by the patients themselves) in such written descriptions, photographs or pedigrees. Such persons should be shown the manuscript before its submission. Omitting data or making data less specific to de-identify patients is acceptable, but changing any such data is not acceptable. State explicitly in the methods section of the manuscript that informed consent was obtained from all participating adult subjects or from parents or legal guardians for minors or incapacitated adults, together with the manner in which informed consent was obtained (i.e., oral or written).

**Submission**
Our online submission system guides you stepwise through the process of entering your article details and uploading your files. Editable article files (e.g., Word, LaTeX) are mandatory to use in the peer-review process and typeset your article for final publication. All correspondence, including notification of the Editor's decision and requests for revision, is sent by e-mail.
The Journal only accepts online submissions in electronic format. All new manuscripts must be submitted through Journal of Oral Biology and Craniofacial Research online and review website (https://www.evise.com/profile/api/navigate/JOBCR). Please follow the following steps to submit your manuscript:

1. Open the homepage of the Journal's website https://www.evise.com/profile/api/navigate/JOBCR.
2. Register yourself for free by clicking on register on the top and create a user profile with a desired username and mandatory details. On submission of the information, you will receive an email confirming your registration along with the 'Password'.
3. Click "Log In" on the main navigation menu at the top of the journal screen to open the login page.
4. Enter your username and password in the appropriate fields (e-mailed to you at the time of registration).
5. Click "Author Log in", this takes you to the "Author Main Menu".
6. After that you can submit the manuscript by following the instructions provided on the screen.
7. Revised manuscripts can be uploaded online using the same log in.

If you have any problems in submission of your manuscript, please send us an email at editorjobcr@gmail.com

Note: Please note that the username and password combination required for Elsevier Editorial System is different from your username and password combination used to "Track your paper" on the Elsevier "Authors' Home" website.

By submitting a manuscript online, the author agrees to the following:
1. The work is original and free from plagiarism.
2. It has neither been published, nor is it not under consideration for publication at another journal.
3. All authors are aware of the authorship order. The corresponding author shall be responsible in case of dispute.
4. Once published, copyright of manuscript shall stand transferred to the Journal.
5. 'Conflict of interest' if any, must be explicitly stated at the end of the manuscript.

Submit your article
Please submit your article via https://www.evise.com/profile/api/navigate/JOBCR.

PREPARATION

Manuscripts must conform to the instructions given below:

General
Type the manuscript using 'Times New Roman' font, size 12 in double space throughout. Please arrange the manuscript as follows: Title page, Abstract, Introduction, Methods, Results, Discussion, and References. Number all pages consecutively, beginning with the title page. All figures and Tables must be referred to in the manuscript. Consult a recent issue of the Journal for details. Only the Title page should bear the names and addresses of the author(s). Editorials, perspective and review articles are generally by invitation. However if you are interested in writing a review/perspective, you can send an email to the editor with the topic and a short summary of contents to be included. The editor will convey her decision in 7-10 days' time.

Length of articles
Text of original articles should be between 2000 and 3500 words. The article should not ordinarily contain more than 3 tables, 2 figures and 25 references. Case Reports with an interesting image can be accepted. This report should be of about 750 words including discussion with 1–2 images and 5–6 referencesLetters discussing or criticizing material published recently in the Journal, brief presentations of data, or those pertaining to issues of relevance to health policy, practice of medicine, or the like, are welcome. These should not exceed 500 words, 1 table and 5 references.

Peer review
This journal operates a double blind 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. More information on types of peer review.
Double-blind review
This journal uses double-blind review, which means the identities of the authors are concealed from the reviewers, and vice versa. More information is available on our website. To facilitate this, please include the following separately:
Title page (with author details): This should include the title, authors' names, affiliations, acknowledgements and any Declaration of Interest statement, and a complete address for the corresponding author including an e-mail address.
Blinded 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.

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. 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.

Keywords
Immediately after the abstract, provide a minimum of 3 keywords to maximum of 12 keywords, using American spelling and avoiding general and plural terms and multiple concepts (avoid, for example, 'and', 'of'). Be sparing with abbreviations: only abbreviations firmly established in the field may be eligible. These keywords will be used for indexing purposes.

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, please 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
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.
TIFF (or JPEG): Color or grayscale photographs (halftones), keep to a minimum of 300 dpi.
TIFF (or JPEG): Bitmapped (pure black & white pixels) line drawings, keep to a minimum of 1000 dpi.
TIFF (or JPEG): Combinations bitmapped line/halftone (color or grayscale), keep to a minimum of 500 dpi.

Please do not:
- 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.

Figures/Illustrations/Photographs
Photographs of 300 dpi or higher resolution may be submitted as 'jpeg', or 'tiff ' files in a zipped folder. In clinical photographs, identity of the subjects should be suitably masked; in case this is not possible, a written permission from the concerned person should accompany the manuscript.

Legends to Figures
The figure number (numbered consecutively in Arabic numerals), title and explanations of the figures should appear in the legend (not on the figure). Type the legends on a separate page. Enough information should be included to interpret the figure without reference to the text.

Tables
Each table should be typed on a separate page and numbered consecutively in Arabic numerals. Each table should have a title and all abbreviations should be explained in the footnote. Necessary explanatory notes, if any, may be given below the table.

References
Number the references in the order in which they first appear in the text and identify the reference numbers in the text in superscript. References must be placed at the end of the manuscript. Please use recent references as much as possible. The responsibility for accuracy of references lies with the respective authors. The Journal is in agreement with the International Committee of Medical Journal Editors (http://www.icmje.org). The general arrangement, abbreviations of Journal names and punctuations followed are as per the Uniform Requirements for Manuscripts submitted to Biomedical Journals (http://www.icmje.org). Please pay attention to the style of references and punctuations as follows:
Journal article
List all authors when six or less as shown in the example below:


When there are seven or more authors, list only the first six and add et al.


Book or monograph

Citation in text
Please ensure that every reference cited in the text is also present in the reference list (and vice versa). Any references cited in the abstract must be given in full. Unpublished results and personal communications are not recommended in the reference list, but may be mentioned in the text. If these references are included in the reference list they should follow the standard reference style of the journal and should include a substitution of the publication date with either 'Unpublished results' or 'Personal communication'. Citation of a reference as 'in press' implies that the item has been accepted for publication.

Editorial Process
All articles submitted to the Journal undergo initial review by the Editor/associate editor and articles that are outside the scope of Journal or are not in the journal format are excluded. Later each article is reviewed by at least two reviewers. The time to first decision is usually less than 6 weeks.

As per the policy of the Journal, an Editor, who is either author of a manuscript or belongs to the same institution as any of the authors, is not assigned that manuscript and is not involved in decision-making regarding its publication. Reviewers/Editorial Board members should decline the invitation to review a manuscript which is submitted by authors from their institution.

Preparation for Publication and Proofs
Once a manuscript has been accepted for publication, authors should submit the final version of their manuscript in MS Word format, with all tables/figures as applicable, via the EVISE. Accepted manuscripts are then copyedited according to the Journal's style and the galley proofs in the form of a PDF file are sent by the Publisher to the corresponding author for final approval. Authors are responsible for all statements made in their work, including changes made by the copy editor.

Proofreading is solely the authors' responsibility. Note that the Editorial Board reserves the right to make revisions to the manuscript and the Publisher may proceed with the publication of your article if no response from the author(s) is received.

Data references
This journal encourages you to cite underlying or relevant datasets in your manuscript by citing them in your text and including a data reference in your Reference List. Data references should include the following elements: author name(s), dataset title, data repository, version (where available), year, and global persistent identifier. Add [dataset] immediately before the reference so we can properly identify it as a data reference. The [dataset] identifier will not appear in your published article.

Research data
This journal encourages and enables you to share data that supports your research publication where appropriate, and enables you to interlink the data with your published articles. Research data refers to the results of observations or experimentation that validate research findings. To facilitate reproducibility and data reuse, this journal also encourages you to share your software, code, models, algorithms, protocols, methods and other useful materials related to the project.
Below are a number of ways in which you can associate data with your article or make a statement about the availability of your data when submitting your manuscript. If you are sharing data in one of these ways, you are encouraged to cite the data in your manuscript and reference list. Please refer to the "References" section for more information about data citation. For more information on depositing, sharing and using research data and other relevant research materials, visit the research data page.

Data linking
If you have made your research data available in a data repository, you can link your article directly to the dataset. Elsevier collaborates with a number of repositories to link articles on ScienceDirect with relevant repositories, giving readers access to underlying data that gives them a better understanding of the research described.

There are different ways to link your datasets to your article. When available, you can directly link your dataset to your article by providing the relevant information in the submission system. For more information, visit the database linking page.

For supported data repositories a repository banner will automatically appear next to your published article on ScienceDirect.

In addition, you can link to relevant data or entities through identifiers within the text of your manuscript, using the following format: Database: xxxx (e.g., TAIR: AT1G01020; CCDC: 734053; PDB: 1XFN).

Mendeley Data
This journal supports Mendeley Data, enabling you to deposit any research data (including raw and processed data, video, code, software, algorithms, protocols, and methods) associated with your manuscript in a free-to-use, open access repository. During the submission process, after uploading your manuscript, you will have the opportunity to upload your relevant datasets directly to Mendeley Data. The datasets will be listed and directly accessible to readers next to your published article online.

For more information, visit the Mendeley Data for journals page.

Data statement
To foster transparency, we encourage you to state the availability of your data in your submission. This may be a requirement of your funding body or institution. If your data is unavailable to access or unsuitable to post, you will have the opportunity to indicate why during the submission process, for example by stating that the research data is confidential. The statement will appear with your published article on ScienceDirect. For more information, visit the Data Statement page.

AFTEr ACCEPTANCE

Online proof correction
Corresponding authors will receive an e-mail with a link to our online proofing system, allowing annotation and correction of proofs online. The environment is similar to MS Word: in addition to editing text, you can also comment on figures/tables and answer questions from the Copy Editor. Web-based proofing provides a faster and less error-prone process by allowing you to directly type your corrections, eliminating the potential introduction of errors.

If preferred, you can still choose to annotate and upload your edits on the PDF version. All instructions for proofing will be given in the e-mail we send to authors, including alternative methods to the online version and PDF.

We will do everything possible to get your article published quickly and accurately. Please use this proof only for checking the typesetting, editing, completeness and correctness of the text, tables and figures. Significant changes to the article as accepted for publication will only be considered at this stage with permission from the Editor. It is important to ensure that all corrections are sent back to us in one communication. Please check carefully before replying, as inclusion of any subsequent corrections cannot be guaranteed. Proofreading is solely your responsibility.

Offprints
The corresponding author, at no cost, will be provided with a personalized link providing 50 days free access to the final published version of the article on ScienceDirect. This link can also be used for sharing via email and social networks. For an extra charge, paper offprints can be ordered via the offprint order form which is sent once the article is accepted for publication. Both corresponding and co-authors may order offprints.

**AUTHOR INQUIRIES**
Visit the Elsevier Support Center to find the answers you need. Here you will find everything from Frequently Asked Questions to ways to get in touch. You can also check the status of your submitted article or find out when your accepted article will be published.

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