

The *Journal of Dental Research* (JDR) is a peer-reviewed scientific journal dedicated to the dissemination of new knowledge and information on all science relevant to dentistry and to the oral cavity and associated structures in health and disease. The *Journal of Dental Research's* primary readership consists of oral, dental and craniofacial researchers, clinical scientists, hard-tissue scientists, dentists, dental educators, and oral and dental policy-makers. The *Journal* is published monthly, allowing for frequent dissemination of its leading content. The *Journal of Dental Research* also offers OnlineFirst, by which forthcoming articles are published online before they are scheduled to appear in print.

Authors of all types of articles should be aware of the following guidelines when submitting to JDR.

ONLINE SUBMISSION

Submissions to the *Journal of Dental Research* are only accepted for consideration via the SAGETrack online manuscript submission site at <http://mc.manuscriptcentral.com/jdr>. Authors who do not have an active account within the system are required to create a new account by clicking, "Create Account," on the log-in page. The system will prompt the authors through a step by step process to create their account. Once created authors can submit their manuscripts by entering their "Author Center" and clicking the button by "Click Here to Submit a New Manuscript."

If any difficulty is encountered at anytime during the account creation or submission process, authors are encouraged to contact the *Journal of Dental Research* Publications Coordinator, Kourtney Skinner, at kskinner@iadr.org.

MANUSCRIPT REQUIREMENTS BY TYPE

The *Journal of Dental Research* accepts the following types of manuscripts for consideration:

Original Research Reports: These manuscripts are based on clinical, biological, and biomaterials and bioengineering subject matter. Manuscripts submitted as research reports have a limit of 2,700 words (including abstract, introduction, materials, methods results, discussion and acknowledgments; excluding figure legends and references); a total of 4 figures or tables; 30 references; and must contain a 200 word abstract.

Letters to the Editor*: Letters must include evidence to support a position about the scientific or editorial content of the *JDR*. Manuscripts submitted as a letter to editor have a limit of 250 words. No figures or tables are permitted. Letters on published articles must be submitted within 3 months of the article's print publication date.

Guest Editorials*: A clear and substantiated position on issues of interest to the readership community can be considered for this manuscript type. Guest Editorials are limited to 1,000 words. No figures or tables are permitted.

Discovery!: Essays that explore seminal events and creative advances in the development of dental research are considered for the "Discovery!" section of the

journal. Manuscripts submitted for “Discovery!” have a limit of 2,500 words and a total of 2 figures or tables. Manuscripts are to be submitted by invitation only. Questions regarding “Discovery!” should be directed to Dr. Marty Taubman, at mtaubman@forsyth.org.

Critical Reviews in Oral Biology & Medicine: These manuscripts should summarize information that is well known and emphasize recent developments over the last three years with a prominent focus on critical issues and concepts that add a sense of excitement to the topic being discussed. Manuscripts are to be submitted by invitation only. Authors interested in submitting to this section must contact the Editor of *Critical Reviews in Oral Biology & Medicine*, Dr. Dana Graves, at dgraves@iadr.org for submission approval and instructions. Manuscripts submitted as Critical Reviews have a limit of 4,000 words; a total of 6 figures or tables; 60 references; and must contain a 200 word abstract.

Additional Instructions for Critical Reviews:

- It is important to include several illustrations or diagrams to enhance clarity. Manuscripts that lack figures or diagrams typically receive a low priority score.
- Summarize important concepts in tables or flow charts or show critical data in the form of figures. NOTE: authors will need to obtain permission to reproduce a previously published figure or table.
- Due to the broad readership, abbreviations commonly recognized in one field may not be readily apparent to those in a different field. Keep abbreviation use to a minimum.
- The cover page, abstract, text, summary, figure legends, and tables should be combined into a single Word document. Figures should be submitted as a separate document.
- To view examples of recent Critical Reviews in the Journal, please click the following links: <http://jdr.iadrjournals.org/cgi/content/full/86/9/800> or <http://jdr.iadrjournals.org/cgi/content/full/85/7/584>

***Brief responses to Letters to the Editor or Guest Editorials will be solicited for concurrent publication.**

Clinical Reviews (formerly Concise Reviews): These manuscripts are generally systematic reviews of topics of high clinical relevance to oral, dental and craniofacial research. Meta-analyses should be considered only when sufficient numbers of studies are available. Manuscripts that include investigations of limited study quality of understudied areas are typically not acceptable as topics for a clinical review. Although some systematic reviews may be well done, those that receive highest scientific priority will only be considered given the very limited space allowed for these reviews in the journal. Manuscripts submitted as Clinical Reviews have a strict limit of 4,000 words (including

abstract, and the main text of the manuscript including acknowledgments; excluding figure legends and references); a total of 6 figures or tables; up to a maximum of 60 references; and must contain a 200 word abstract. Manuscripts above the 4,000 word/6 figure or table limit may use supplemental appendices for other supporting information that would be available online only.

Additional Instructions for Clinical Reviews:

-It is important to include illustrations or diagrams to enhance clarity. Manuscripts that lack figures or diagrams typically receive a low priority score.

-Summarize important concepts in tables or flow charts or show critical data in the form of figures. NOTE: authors will need to obtain permission to reproduce a previously published figure or table.

-Due to the broad readership, abbreviations commonly recognized in one field may not be readily apparent to those in a different field. Keep abbreviation use to a minimum.

-The cover page, abstract, text, summary, figure legends, and table(s) should be combined into a single Word document. Figures should be submitted as a separate document.

-To view examples of recent Clinical Reviews in the Journal, please click the following links: <http://jdr.sagepub.com/content/90/3/304.full.pdf+html> or <http://jdr.sagepub.com/content/90/5/573.full.pdf+html>

All submissions must include a title page and be accompanied by a cover letter and list of suggested reviewers. Cover letters should certify the research is original, not under publication consideration elsewhere, and free of conflict of interest. Title pages should include: abstract word count, total word count (Abstract to Acknowledgments), total number of tables/figures, number of references, and a minimum of 6 keywords. Keywords cannot be words that have been included in the manuscript title. Key words should be selected from Medical Subject Headings (MeSH) to be used for indexing of articles. See: <http://www.nlm.nih.gov/mesh/MBrowser.html> for information on the selection of key words.

Please submit the names and email addresses of four preferred reviewers when prompted by the SAGETrack system. Preferred reviewers cannot be colleagues at the contributors' institution or present or former collaborators.

TITLES

Titles can consist of a maximum of 75 characters (including spaces). Titles do not normally include numbers, acronyms, abbreviations or punctuation. The title should include sufficient detail for indexing purposes but be general enough for readers outside the field to appreciate what the paper is about.

ACKNOWLEDGMENTS

Authors are required to report all sources of support for their project or study, including but not limited to: grant funds, commercial sources, funds from a contributors’ institution. Do not refer to a study being “partially funded by the cited sources.” Consultancies and funds paid directly to investigators must also be listed. Authors are required to specify during the submission process if their paper received funding from NIH, NIDCR, or any other NIH Institute or Center and provide the grant number. To comply with the NIH Public Access Mandate, for qualifying NIH-funded papers, the *Journal of Dental Research* will deposit the final, copyedited paper to PubMed Central on behalf of the authors.

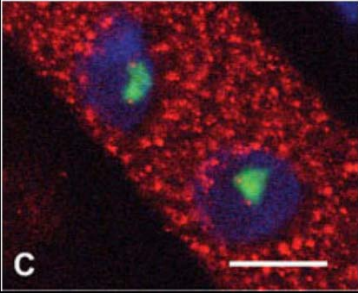
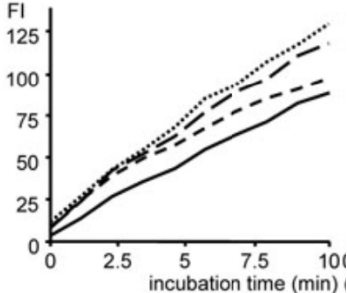
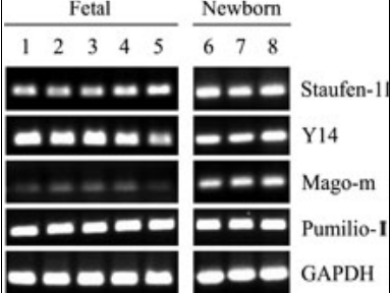
Any perceived or actual conflicts of interest need to be identified in the acknowledgments section. The *JDR* abides by the International Committee of Medical Journal Editors guidelines for the Ethical Considerations in the Conduct and Report of Research (http://www.icmje.org/ethical_4conflicts.html). Authors are requested to include this information in the acknowledgments section and the corresponding author must confirm that all co-authors have reported any potential conflicts.

FIGURE AND TABLE REQUIREMENTS

These guidelines are intended to aid authors in providing figures that will reproduce well in both print and online media. Submitting digital image files that conform to these guidelines will prevent delays in the review and publication processes, and maximize the published quality of your figures.

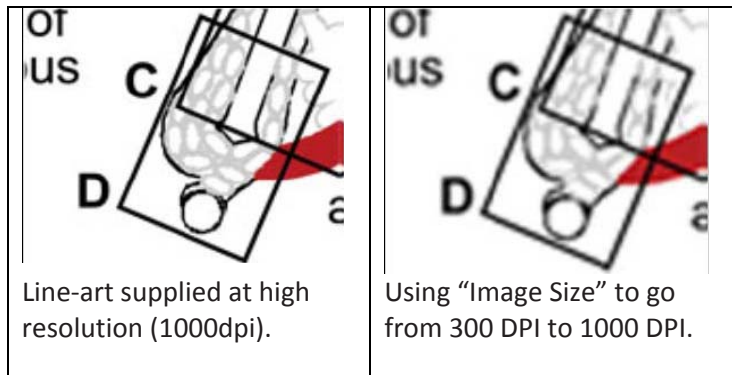
Figure Types

JDR figures can fall into one of three categories: **Continuous-tone images**, **Line-art images**, and **Combination images**. Each image type has specific requirements in terms of the resolution needed for publication and the file types best suited for the figure. See the following panels for examples and requirements.

		
<p>Continuous-tone Image Minimum resolution: 300dpi. Preferred File Formats: TIFF, Bitmap.</p>	<p>Line-art Image Minimum resolution: 800dpi. Preferred File Formats: EPS, PowerPoint, Illustrator.</p>	<p>Combination Image Minimum resolution: 800dpi. Preferred File Formats: PDF, EPS, PowerPoint, Illustrator, InDesign.</p>

Resolution

In order for a figure to be used in publication, its Digital Image File must have the required resolution when it is created. The resolution cannot be raised *after* the original image is made. Attempting to do so (for example, with Adobe Photoshop's® "*Image Size*" command) results in the addition of artificial pixels that distort the image and lower its sharpness. The figures on the right show an example of this reduced sharpness.



Fonts

Limit fonts used in any figure to Times, Times New Roman, Arial, Frutiger, and Sabon. Other fonts cannot be guaranteed to reproduce properly.

Files containing figures and tables should be clearly labeled to indicate their placement in the text or appendix. Tables should be viewable in a portrait view. Tables that are created in a landscape view are more suitable for an appendix.

If the online version is in color and the printed version in black and white, please submit separate files for each version. Figures should be identical except in color or grayscale. The cost of color figures in the print version will be borne by the authors. Rates for color reproduction are \$300 per initial page of color and \$150 for each additional page of color. However, there are no charges for figures and diagrams printed in black and white. Color figures may be included in the online version of *JDR* with no extra charges.

REFERENCES

Citations should be arranged in alphabetical order by last name of the first author without numbering. When citing a reference in the text, provide attribution for the subject under discussion. "*Et al*" should be used when the cited work is by six or more contributors. When the cited work is by two contributors, use both surnames cited in the following manner: Last Name1, First Name1, Last Name2, First Name2. When citing multiple references by the same author(s) in the same year, use "a," "b," etc. (e.g., Jones, 1980b). Multiple references should be listed in chronological order of publication, separated by semi-colons. Avoid using abstracts as references.

When citing a Web site, list the authors and title if known, then the URL, include the date it was accessed in parentheses. Include among the reference papers accepted but not yet published; designate the journal and add “in press.” Information from manuscripts submitted but not yet accepted should be cited in the text as “unpublished observations” in parentheses. The references must be verified by the author(s) against the original documents and checked for correspondence between references cited in the text and listed in the “References” section.

All items should be listed alphabetically by the author’s last name. For multiple entries by the same author/authors, they should be cited as follows:

1. One author: chronologically by year of publication
2. Two authors: alphabetical by last names
3. Three or more authors: chronologically by year of publication
4. Same author, same publication, chronologically by date of publication, using a), b), etc., to designate order

“Unpublished observations” and “personal communications” may be inserted into and cited in the text with written permission from the correspondents, but are not to be used as references.

For examples of reference citation formats, please visit
http://www.iadr.org/files/public/JDR_ReferenceExamples.pdf.

SUPPLEMENTAL FILES

Additional supporting data may be referenced as a supplemental appendix for publication online only. All supplemental appendix files must be submitted with the manuscript for review. Supplemental files may include additional figures or tables that exceed the Journal’s limit. Material intended for the supplemental appendix must have “supplemental” or “appendix” in the file name upon upload.

For additional information on formatting manuscripts please visit
<http://www.iadr.org/files/public/ManuscriptComponents.pdf> **for a detailed description of required manuscript components.**

Language Editing: Manuscripts submitted for publication consideration should be written in English. Prior to submission, if a manuscript would benefit from professional editing, authors may consider using a language-editing service. Suggestions for this type of service can be found at www.iadr.org/EditingServices. The *Journal of Dental Research* does not take responsibility for, or endorse these services, and their use has no bearing on acceptance of a manuscript for publication.

GENERAL INFORMATION FOR AUTHORS SUBMITTING A MANUSCRIPT

PRIOR PUBLICATION

Manuscripts submitted to the *Journal of Dental Research* are accepted for consideration giving the understanding that it contains original material that has not been submitted for publication or has been previously published elsewhere. Any form of publication other than an abstract only constitutes prior publication.

ICMJE COMPLIANCE STATEMENT

Manuscript submission guidelines for the *Journal of Dental Research* follow the “Uniform Requirements for Manuscripts Submitted to Biomedical Journals” set forth by the International Committee of Medical Journal Editors (ICMJE). For additional information please visit the ICMJE web site at <http://www.icmje.org/>.

CONSORT 2010 CHECKLIST COMPLETION RANDOMIZED CLINICAL TRIALS POLICY

Manuscripts reporting a randomized clinical trial should follow the CONSORT guidelines. The Journal requires authors of pre-clinical animal studies submit with their manuscript the Animal Research: Reporting In Vivo Experiments (ARRIVE) guidelines. Authors of human observations studies in epidemiology are required to review and submit a STROBE statement. When uploaded to the SAGETrack system, any checklists completed by authors should be given a supplementary file designation.

The CONSORT checklist can be downloaded from:
<http://mc.manuscriptcentral.com/societyimages/jdr/CONSORT+2010+checklist%5b1%5d.doc>.

The ARRIVE guidelines can be found here:
<http://www.nc3rs.org.uk/downloaddoc.asp?id=1206&page=1357&skin=0>

The STROBE checklists can be found here:
<http://www.strobe-statement.org/index.php?id=strobe-home>

The *Journal of Dental Research* encourages authors to register their clinical trials in a public trials registry. Authors of manuscripts describing such studies are asked to submit the name of the registry and the study registration number prior to publication. Authors are asked to include their clinical trial registration number at the end of their abstracts. In accordance with the aforementioned “Uniform Requirements for Manuscripts Submitted to Biomedical Journals,” clinical trials will only be considered for publication if they are registered.

INSTITUTIONAL REVIEW BOARD AND WRITTEN INFORMED CONSENT

For protocols involving the use of human subjects, authors should indicate in their Methods section that subjects’ rights have been protected by an appropriate Institutional Review Board and written informed consent was granted from all subjects. When laboratory animals are used, indicate the level of institutional review and assurance that the protocol ensured humane practices.

PUBLIC GENE DATA

Prior to submission, the *Journal of Dental Research* asks that novel gene sequences be deposited in a public database and the accession number provided to the Journal. Authors may want to use the following Journal approved databases:

GenBank: <http://www.ncbi.nlm.nih.gov/Genbank/submit.html>

EMBL: <http://www.ebi.ac.uk/embl/Submission/index.html>

DDBJ: <http://www.ddbj.nig.ac.jp/sub-e/html>

Manuscript submissions including microarray data should include the information recommended by the MIAME guidelines in their submission, and/or identify the submission details for the experiments details to one of the publicly available databases such as Array Express or GEO. Information on MIAME, Array Express and GEO can be found by clicking on the corresponding links below:

MIAME: <http://www.mged.org/Workgroups/MIAME/miame.html>

ArrayExpress: <http://www.ebi.ac.uk/arrayexpress/>

GEO: <http://www.ncbi.nlm.nih.gov/geo/>

OPEN ACCESS COMPLIANCE STATEMENT

Effective April 7, 2008 the National Institutes of Health (NIH) Revised Policy on Enhancing Public Access to Archived Publications Resulting from NIH-Funded Research (Public Access Policy) requires all studies funded by NIH to submit or have submitted for them their final peer-reviewed manuscript upon acceptance for publication to the National Library of Medicine's PubMed Central (PMC) to be made publicly available no later than 12 months after the official date of publication. Only final, copyedited manuscripts are uploaded.

Manuscripts by authors whose work is funded by the Wellcome Trust will be released from access control immediately upon publication. Members of the IADR/AADR will be invoiced \$3,800; non-Members will be billed \$4,300 for this immediate access. No separate page or color charges will be assessed.

Authors are required to specify during the submission process if their paper received funding from NIH or NIDCR and provide the grant number.

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As stated in the Uniform Requirements for Manuscripts Submitted to Biomedical Journals, put forth by the ICMJE, the *Journal* considers the following as an accurate definition of contributorship:

Contributors Listed in Acknowledgments

All contributors who do not meet the criteria for authorship should be listed in an acknowledgments section. Examples of those who might be acknowledged include a person who provided purely technical help, writing assistance, or a department chairperson who provided only general support. Editors should ask corresponding authors to declare whether they had assistance with study design, data collection, data analysis, or manuscript preparation. If such assistance was available, the authors should disclose the identity of the individuals who provided this assistance and the entity that supported it in the published article. Financial and material support should also be acknowledged.

Groups of persons who have contributed materially to the paper but whose contributions do not justify authorship may be listed under such headings as “clinical investigators” or “participating investigators,” and their function or contribution should be described—for example, “served as scientific advisors,” “critically reviewed the study proposal,” “collected data,” or “provided and cared for study patients.” Because readers may infer their endorsement of the data and conclusions, these persons must give written permission to be acknowledged.

CONTRIBUTOR FORMS

All rights to manuscripts will be transferred to the *Journal of Dental Research* upon submission. Submission of a manuscript will constitute each author’s agreement that the Journal holds all propriety rights in the manuscript submitted, including all copyrights. Upon acceptance, the corresponding author will be asked to sign a formal transfer of copyright. Only the corresponding author is required to complete a contributor form unless any co-authors are work-for-hire or government employees. If co-authors fall into either of these categories, the corresponding author should contact the editorial office at jdr@iadr.org for additional instruction.

Please note that the *Journal of Dental Research* secures completed contributor forms electronically via the SAGETrack online submission and review system.

Without the completion of the contributor form for all co-authors listed, accepted manuscripts cannot continue into production, delaying publication.

CHARGES ASSOCIATED WITH PUBLICATION

Page Charges

There is a charge of \$40 (U.S.) for every printed page in the *Journal of Dental Research*. There is a charge of \$25 (U.S.) for every electronic page in a Web appendix. You will receive an invoice with your page proofs.

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