

Dental Materials Journal

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Aims and Scope

Dental Materials Journal is an open access, peer-reviewed journal published by the Japanese Society for Dental Materials and Devices. The journal publishes original research and review articles on basic and applied sciences in dental materials and biomaterials. Biological research that leads to materials and equipment development, and dental materials-related clinical science and instrumental technologies, also fall within the scope. All relevant materials are considered and include synthetic polymers, ceramics, metals and tissue-derived biomaterials. Articles that describe work at the forefront of dental materials and biomaterials research, in areas such as tissue engineering, bioengineering and artificial intelligence, are welcomed.

The journal is published continuously online as articles are available and collated into six issues per year. Articles are published online at the journal's J-STAGE website to a large and broad global audience of dental researchers, clinicians, practitioners and others interested in the field.

Manuscript Types

The journal welcomes two manuscript types, both of which are subject to peer review.

Original papers

Full length papers consisting of complete and detailed descriptions of a research problem, the experimental approach, the findings and appropriate discussion.

Review papers

Articles presenting novel or unique overviews of recent or important developments in the field. Reviews must be insightful and must address the question(s) of interest using appropriate and fully presented evidence; exhaustive general summaries will not be published. Authors should provide a draft title and outline to the editorial board by e-mail (per the details in the Contact section) before preparing and submitting a Review paper.

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The responsibilities of the journal's authors, editors, reviewers and publisher regarding research and publication ethics are described below.

Submission to the journal implies that the manuscript has not been previously published (in part or in whole, in any language), is not in press, and is not under consideration for publication elsewhere.

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Upon receipt of the reviewers' reports, the Associate Editor makes the first decision on the manuscript. If the decision is to request revision of the manuscript, authors have 3 months to resubmit their revised manuscript. Revised manuscripts submitted after this deadline may be treated as new submissions. The Associate Editor may send revised manuscripts to peer reviewers for their feedback or may use his or her own judgement to assess how closely the authors have followed the Editor's and the reviewers' comments on the original manuscript.

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Acceptance criteria

If a manuscript satisfies the journal's requirements and represents a significant contribution to the published literature, the Editor may recommend acceptance for publication in the journal.

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- within the subject area of the journal's scope
- novel and original
- descriptions of technically rigorous research
- of high interest to the journal's audience
- important additions to the field.

If a manuscript does not meet the journal's requirements for acceptance or revision, the Editor may recommend rejection.

Editorial independence

The Japanese Society for Dental Materials and Devices (JSDMD) has granted the journal's Editorial Board complete and sole responsibility for all editorial decisions. The JSDMD will not become involved in editorial decisions, except in cases of a fundamental breakdown of process.

Editorial decisions are based only on a manuscript's scientific merit and are kept completely separate from the journal's other interests. The authors' ability to pay any publication charges has no bearing on whether a manuscript is accepted for publication in the journal.

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Authors who believe that an editorial decision has been made in error may lodge an appeal with the Editorial Office. Appeals are only considered if the authors provide detailed evidence of a misunderstanding or mistake by a reviewer or editor. Appeals are considered carefully by the Editor-in-Chief, whose decision is final. The guidelines of the [Committee on Publication Ethics](#) (COPE) are followed where and when relevant.

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A published article that contains invalid or unreliable results or conclusions, has been published elsewhere, or has infringed codes of conduct (covering research or publication ethics) may be retracted. Individuals who believe that a published article should be retracted are encouraged to contact the journal's Editorial Office with full details of their concerns. The Editor-in-Chief will investigate further and contact the authors of the published article for their response. In cases where co-authors disagree over a retraction, the Editor-in-Chief may consult the Editorial Board or external peer reviewers for advice. If a Retraction is published, any dissenting authors will be noted in the text.

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- Text: doc, docx
- Tables: doc, docx or xls, xlsx
- Figures: pdf, jpg, bmp, tif, ppt, pptx, eps

All files can total a maximum of 20MB. For Figure and Table specifications, please see the relevant sections below.

If you encounter any problems with online submission, please contact the Editorial Office using the details available in the Contact section.

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Style

Manuscripts must set page size to A4 (297 mm×210 mm) using a word processor. Top, bottom and side margins should be 25 mm. Number all pages consecutively at the middle of the bottom margin. All text and file names should be free from non-English fonts; Times or Times New Roman fonts are adequate. The resolution of illustrations, photos and figures must be 300 dpi or higher.

Variables and abbreviations of Latin scripts should be written in italics ($p < 0.05$, *et al.*, *i.e.*).

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Manuscripts should be written in clear, grammatically correct English. Authors whose primary language is not English are strongly encouraged to have their manuscript checked by a competent English speaker or by an editing service prior to submission. If a manuscript is not clear due to poor English, it may be rejected without undergoing peer review.

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Manuscripts should include the following items:

- Abstract (100-150 Words)
- Introduction
- Materials and Methods
- Results
- Discussion
- Conclusion (if included)
- Acknowledgments (if applicable)
- Conflict of Interest declaration
- References

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- Full names of the authors (Sachio TAMAOKI¹ and Kanji TSURU²)
- Affiliations and addresses (including the all institutions' addresses;
¹Section of Orthodontics, Department of Oral Growth and Development, Fukuoka Dental College, 2-15-1 Tamura, Sawara-ku, Fukuoka 814-0193, Japan
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- Keywords (3-5 words and the head of each keyword in capital letters)
- Corresponding author (full name; e-mail address: phone number, fax number)

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Each abbreviation should be defined in parentheses together with its non-abbreviated term when it first appears in the text (except in the Title and Abstract).

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Acknowledgments

This section should be brief and acknowledge those that have assisted in the work or preparation of the manuscript, but who do not qualify for authorship, as defined in the Authorship section. Authors should list all funding sources for their work in the Acknowledgements section.

Conflict of Interest declaration

Authors are required to declare any competing financial or other conflicts of interest in relation to the work described. Please see the ‘Author competing interests and conflicts of interest’ subsection in the Journal & Ethics Policies for detailed information. If there are no declared interests, include a statement under the section heading “The authors declare no competing interests.”

References

Cite references in the text should be in numerical order and used in superscript in line without any space (reference¹) reference^{1,2} or reference²⁻⁶). The journal follows the Vancouver referencing style; follow the sample references [per the NLM guidelines](#). The references should be grouped in a section at the end of the main text in numerical order as they appear in the text and should take the following formats.

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Authors' surname together with their initials (List the first six authors, followed by et al.), full title of the article, the abbreviated name of the journal (as shown in Index Medicus), year, volume, inclusive page numbers.

1) Tabira K, Kajimoto N, Minamisawa H, Sato T, Maruta M, Oka K, et al. Functional evaluation of mineral trioxide aggregate cement with choline dihydrogen phosphate. *Dent Mater J* 2023; 42: 485-492.

Books

Authors' surname together with their initials: title of the book, city of publication, publisher, year of publication, inclusive page numbers.

1) Tsuru K, Maruta M, Ishikawa K. In: Choi AH, Ben-Nissan B, editors. *Innovative and Intelligent Bioceramics in Translational Medicine*. Singapore, Springer Nature. 2022. p. 127-155.

Proceedings

1) Tsuru K, Nikaido T, Munar ML, Maruta M, Matsuya S, et al. Synthesis of carbonate apatite foam using beta-TCP foams as precursors. *Proceeding of the 25th Symposium and Annual Meeting of the International Society for Ceramics in Medicine*; 2013 Nov 7-10; Bucharest, Romania. Trans Tech Publications Ltd, Switzerland; 2014. p. 52-55.

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The resolution of the photos and figures is desirable in 1200 dpi. Extra white space around figures should be erased. Further [instructions](#) on preparing TIFF files over 300 dpi must be followed when relevant.

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