



# JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS

## AUTHOR INFORMATION PACK

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### DESCRIPTION

The *Journal of the Mechanical Behavior of Biomedical Materials* is concerned with the **mechanical deformation, damage and failure** under applied forces, of **biological material** (at the tissue, cellular and molecular levels) and of **biomaterials**, i.e. those materials which are designed to mimic or replace biological materials.

The primary focus of the journal is the synthesis of materials science, biology, and medical and dental science. Reports of fundamental scientific investigations are welcome, as are articles concerned with the practical application of materials in medical devices. Both experimental and theoretical work is of interest; theoretical papers will normally include comparison of predictions with experimental data, though we recognize that this may not always be appropriate. The journal also publishes technical notes concerned with emerging experimental or theoretical techniques, letters to the [editor](#) and, by invitation, review articles and papers describing existing techniques for the benefit of an interdisciplinary readership.

The journal offers online [submission](#), a short time to publication, the opportunity for ample space to develop an argument in full, and the services of referees with expertise in mechanical behaviour and an understanding of the special nature of biomedical materials.

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The journal publishes papers from the proceedings of the International Conference on the Mechanics of Biomaterials and Tissues; special issues devoted to particular subjects or events will also be considered.

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Van der Geer, J., Hanraads, J.A.J., Lupton, R.A., 2010. The art of writing a scientific article. *J. Sci. Commun.* 163, 51–59.

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Strunk Jr, W., White, E.B., 2000. *The Elements of Style*, fourth ed. Longman, New York.

Reference to a chapter in an edited book:

Mettam, G.R., Adams, L.B., 2009. How to prepare an electronic version of your article, in: Jones, B.S., Smith, R.Z. (Eds.), *Introduction to the Electronic Age*. E-Publishing Inc., New York, pp. 281–304.

Reference to a website:

Cancer Research UK, 1975. Cancer statistics reports for the UK. <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/> (accessed 13 March 2003).

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[dataset] Oguro, M., Imahiro, S., Saito, S., Nakashizuka, T., 2015. Mortality data for Japanese oak wilt disease and surrounding forest compositions. *Mendeley Data*, v1. <https://doi.org/10.17632/xwj98nb39r.1>.

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