



# MATRIX BIOLOGY

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### DESCRIPTION

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*Matrix Biology* (established in 1989 as *Matrix*) is a cutting-edge journal that is devoted to publishing the latest results in matrix biology research. We welcome articles that reside at the nexus of understanding the cellular and molecular pathophysiology of the extracellular matrix. *Matrix Biology* focusses on solving elusive questions, opening new avenues of thought and discovery, and challenging longstanding biological paradigms.

Papers considered for review, and ultimately for publication, **must contain substantial advances supported by mechanistic and functional insights** germane to important physiological or pathological processes. These aspects are crucial and required for publication.

*Matrix Biology* welcomes original research articles, brief reports, commentaries, (mini) reviews, and announcements. Please view our [Guide for Authors](#) for more information.

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2017: 8.136 © Clarivate Analytics Journal Citation Reports 2018

## ABSTRACTING AND INDEXING

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Biological & Agricultural Index  
BIOSIS Previews  
Current Awareness in Biological Sciences  
Genetics Abstracts  
Biochemistry and Biophysics Citation Index  
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## GUIDE FOR AUTHORS

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**To find out more, please visit the Preparation section below.**

### **INTRODUCTION**

Matrix Biology publishes Regular Research Papers, Brief Reports, Mini Reviews, Landmark Essays, Full Length Reviews and Announcements. The section Types of Papers describes the conditions each of these submission types should meet.

Papers that do not conform to the general criteria for publication in *Matrix Biology* will be returned immediately to authors to avoid unnecessary delay in submission elsewhere.

The decision of the Editor is final; the Editor cannot enter into correspondence about a paper that is considered unsuitable for publication.

Revisions should be submitted within 90 days. If we do not receive your revision within 120 days, your paper will be withdrawn and removed from the system.

### *Types of papers*

#### **Regular Research Papers**

are studies utilizing most scientific technologies including molecular biology, cell biology, immunochemistry, structural biology, computational biology, theoretical biology, and macromolecular chemistry where the subject is extracellular matrix or is substantially related to matrix and its biological role. The journal will publish articles that are scientifically rigorous, complete within a logical framework, and, most importantly, address molecular or cellular mechanisms that are timely and represent above average significance.

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are short papers that meet the same standards of quality and field of interest as regular papers, but have a narrower scope and a more focused interest. Brief reports should present new information of exceptional novelty, importance and interest to the broad readership of the journal. Reports should have a maximum of 3 figures, and no longer than 30,000 characters, including spaces. There are no limitations for references.

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are brief reviews that present a sharply focused view of a rapidly advancing area of research. Authorship is normally by invitation. Generally, commentaries include a manuscript of 6-10 double-spaced pages with 1-2 schematics. References are limited to 20-30.

#### **Mini Reviews**

are timely and original analyses of current topics of high interest. The mini-reviews should summarize the general concepts in the field, provide a brief summary of the new information and define unresolved questions about currently available data. The mini reviews must contain up to 3 original graphics of high quality or equivalent images, and a manuscript containing 12-15 double-spaced pages. There are no limitations for references. We do not accept previously-published graphics or images. The Editor-in-Chief should be consulted in advance by anyone wishing to submit an unsolicited mini review.

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are comprehensive and critical analyses of topics that have been under investigation for some time. Most of them are invited reviews from experts in the relevant topic. The reviews must contain up to five high-quality, original graphics or equivalent images, and a manuscript containing 20-40 double-spaced pages. No limitations for references. We do not accept previously-published graphics or images. The Editor-in-Chief should be consulted in advance by anyone wishing to submit an unsolicited full-length review.

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Example: '..... as demonstrated [3,6]. Barnaby and Jones [8] obtained a different result ....'

*List:* Number the references (numbers in square brackets) in the list in the order in which they appear in the text.

#### *Examples:*

Reference to a journal publication:

[1] J. van der Geer, J.A.J. Hanraads, R.A. Lupton, The art of writing a scientific article, *J. Sci. Commun.* 163 (2010) 51–59. <https://doi.org/10.1016/j.Sc.2010.00372>.

Reference to a journal publication with an article number:

[2] Van der Geer, J., Hanraads, J.A.J., Lupton, R.A., 2018. The art of writing a scientific article. *Heliyon.* 19, e00205. <https://doi.org/10.1016/j.heliyon.2018.e00205>.

Reference to a book:

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

Reference to a chapter in an edited book:

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

Reference to a website:

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

Reference to a dataset:

[dataset] [6] M. Oguro, S. Imahiro, S. Saito, T. Nakashizuka, Mortality data for Japanese oak wilt disease and surrounding forest compositions, Mendeley Data, v1, 2015. <https://doi.org/10.17632/xwj98nb39r.1>.

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1. Sanger, F. & Coulson, A. R. (1975). A rapid method for determining sequences in DNA by the primed synthesis with DNA polymerase. *J. Mol. Biol.* 94, 441-448.

2. Goto, Y., Calciano, L. J. & Fink, A. F. (1990). Acid-induced folding of proteins. *Proc. Natl. Acad. Sci. USA* 87, 573-577. Articles in books should include the title of the article, the name of the book, editor(s), edition number, first and last page numbers, the name and the location of the publisher, e.g.,

3. Hanks, S. K. & Hunter, T. (1995). The eukaryotic protein kinase superfamily. In *The Protein Kinase FactsBook: Protein-Serine Kinases* (Hardie, G. & Hanks, S., eds), pp. 747, Academic Press, London.

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Describe in detail the calculation of FDRs at the PSM, peptide, and protein levels. Report the PSM-, peptide-, and protein-level FDR values along with the total number of expected true positives and false positives at each level. Present large-scale results thresholded at equal to or lower than 1% protein-level global FDR. If any large-scale datasets are individually thresholded and then combined, calculate the new, higher peptide- and protein-level FDRs for the combined result.

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