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## DESCRIPTION

*International Journal of Biological Macromolecules* is an established international journal of research into **chemical** and **biological** aspects of all **natural macromolecules**. It presents the latest findings of studies on the molecular structure and properties of proteins, macromolecular carbohydrates, glycoproteins, proteoglycans, lignins, biological poly-acids, and nucleic acids. These findings must be new and novel rather than a repeat of earlier or analogous published work. The scope includes biological activities and interactions, molecular associations, chemical and biological modifications, and functional properties. Papers on related model systems, structural conformational studies, theoretical developments and new analytical techniques are also welcome. All papers are required to focus primarily on at least one named **biological macromolecule**. This naming should appear in the title, the abstract and the text of the paper.

Examples of papers which are not appropriate for *International Journal of Biological Macromolecules* include:

papers where the biological macromolecule has not been characterized by modern analytical techniques (including molecular weight) rather than historical methods. e.g. colorimetric assays. papers which focus on biological, physiological and pharmacological aspects of non-macromolecules attached to, or mixed with, biological macromolecules. papers on the materials science of biocomposites where there is no mention of any specific biological macromolecule. papers where the structure or role of the biological macromolecule is not the major proportion of the study. routine studies of extraction of macromolecules without purification and characterization of the extracted molecule. applications of macromolecules where the structure of the macromolecule is completely unknown. papers where the molecular weight of the biological molecule is less than five thousand. paper which are majorly about clinical studies and animal trials, where a biological macromolecule is not the biologically active agent, and/or the biological macromolecule is not the major focus of the study.

## AUDIENCE

Researchers, both academic and industrial, with an interest in structure/function relationships in proteins, carbohydrates and nucleic acids, including biophysics, physical and biological chemistry, and molecular and structural biology.

## IMPACT FACTOR

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## GUIDE FOR AUTHORS

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### INTRODUCTION

#### AIMS AND SCOPE

*International Journal of Biological Macromolecules* is an established international journal of research into **chemical** and **biological** aspects of all **natural macromolecules**. It presents the latest findings of studies on the molecular structure and properties of proteins, macromolecular carbohydrates, glycoproteins, proteoglycans, lignins, biological poly-acids, and nucleic acids. These findings must be new and novel rather than a repeat of earlier or analogous published work. The scope includes biological activities and interactions, molecular associations, chemical and biological modifications, and functional properties. Papers on related model systems, structural conformational studies, theoretical developments and new analytical techniques are also welcome. All papers are required to focus primarily on at least one named **biological macromolecule**. This naming should appear in the title, the abstract and the text of the paper.

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[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.

Reference to a book:

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

Reference to a chapter in an edited book:

[3] 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:

[4] 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] [5] 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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