



an Open Access Journal by MDPI

Impact Factor 4.4

CiteScore 7.1

Macromol

[mdpi.com/
journal/
macromol](https://mdpi.com/journal/macromol)



Message from the Editor-in-Chief

Macromol is a new open access journal that welcomes innovative studies on different aspects of research relating to macromolecules, involving their chemistry, characterization, properties, and applications. It offers a good opportunity for the widespread and fast-paced sharing of knowledge with the scientific community. Short publication times are combined with a rigorous peer-review procedure. Both full papers and reviews are welcome. I am pleased to invite you to contribute to this journal in order to grow the journal to be an increasingly successful forum for high-quality research.

Editor-in-Chief

Prof. Dr. Maria Cristina Bonferoni

Aims

Macromol (ISSN 2673-6209) is an international, peer-reviewed, open access journal providing an advanced forum for theoretical and experimental research on the topic of macromolecules. Novel reviews, regular research papers, short communications, and Special Issues on subjects related to the design, synthesis, characterization, and application of macromolecules are published in *Macromol*. The journal is especially focused on macromolecules of natural origins and their biological applications, featuring studies in biochemistry, molecular biology, medicine, food, and pharmaceuticals. The main aim of *Macromol* is to provide a leading forum for the rapid and world-wide dissemination of cutting-edge research in the field of macromolecule science. Scientists are encouraged to publish their results in as much detail as possible; therefore, the journal has no restrictions regarding the maximum length of papers, only that full experimental details should be provided so that the results can be reproduced.

Scope

Topics covered by *Macromol* include, but are not exclusively limited to, the following:

- Biomacromolecules including carbohydrates, lipids, proteins, antibodies, and nucleic acids;
- Biopolymers, such as polymers of biological origins; those from renewable resources; those with biological activity; or biomimetic polymers, including polysaccharides, glycosaminoglycans, cyclodextrins, biopolyesters, biopolyamides, and biological polyacids;
- Chitosans and chitins, lignins and celluloses, tannins and polyaromatic polymers;
- Macrocycles, glycoproteins, and proteoglycans;
- Biomacromolecule synthesis and chemical and biological modification and engineering;
- Biomacromolecule physics, theory, and modelling, including molecular simulation and conformational studies;
- Biomacromolecule analysis and characterization, including novel analytical techniques for their characterization;
- Chemical and biological aspects of natural macromolecules and biofibers, including their biological activities and interactions, molecular associations, and functional properties;
- Applications of biomacromolecules in medicine and nanomedicine; in pharmaceuticals as active substances, including polymeric prodrugs, and as excipients; and in food as bioactive ingredients and as packaging.

Author Benefits

Open Access

Unlimited and free access for readers

No Copyright Constraints

Retain copyright of your work and free use of your article

Thorough Peer-Review

Discounts on Article Processing Charges (APC)

If you belong to an institute that participates with the MDPI Institutional Open Access Program

No Space Constraints, No Extra Space or Color Charges

No restriction on the maximum length of the papers, number of figures or colors

Rapid Publication

A first decision is provided to authors approximately 23.3 days after submission; acceptance to publication is undertaken in 4.7 days (median values for papers published in this journal in the second half of 2025)

MDPI is a member of, or collaborates with, the following organizations

CASPA



STM¹



SPARC*
Europe



DOAJ



ORCID



Editorial Office

macromol@mdpi.com

MDPI

Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

mdpi.com

March 2026

