

Special Issue

Biopolymer Composites: Synthesis, properties and Applications

Message from the Guest Editor

This Special Issue is planned to bring together a number of original papers and reviews covering (but not restricted to) the following topics:

- New fabrication methods of biopolymer-based composites;
- Structure-property relationships in biopolymer composites;
- Properties of natural polymers, biopolymers, and their blends and composites (mechanical, thermal, electrical, optical, chemical, magnetic, etc.);
- Antibacterial activity of biopolymer-based composites;
- Applications of reinforced polymeric biomaterials;
- Biopolymer composites in medical applications;
- Biopolymer composites in electronics;
- Biopolymer composites in water purification;
- Biopolymer composites in the packaging and food industry;
- Future perspectives for biopolymeric materials.

Guest Editor

Prof. Dr. Ana María Díez-Pascual

Departamento de Química Analítica, Química Física e Ingeniería Química, Facultad de Ciencias, Universidad de Alcalá, Alcalá de Henares, Madrid, Spain

Deadline for manuscript submissions

closed (15 November 2021)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/68003

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

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





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)