

Special Issue

Bio-Based Materials for Packaging

Message from the Guest Editors

We invite investigators to contribute original research articles and review articles that will stimulate the continuing efforts to produce bio-based materials able to coat or wrap specific products. We are particularly interested in articles describing new modalities to obtain new materials from renewable biomass sources; the preparation of new coatings and wrappings endowed with properties tailored for specific applications; the development of new processes and strategies to improve packaging; and new insights and challenges in packaging research, applications, and commercialization. Potential topics include, but are not limited to:

- developments in polysaccharide-, protein-, and lipid-based materials;
- recent advances in the characterization of new polysaccharide-based, protein-based, and composite materials;
- the latest technologies for recycling industrial biopolymer by-products into packaging;
- the development of specific biodegradable/edible coatings or wrappings containing active ingredients (flavors, colorants, antioxidants, antimicrobials, etc.) and/or nanoparticles; and
- current marketing aspects of biopolymers as food packaging materials.

Guest Editors

Prof. Dr. Raffaele Porta
Prof. Dr. Prospero Di Pierro
Dr. Mohammed Sabbah

Deadline for manuscript submissions

closed (31 August 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/55272

*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)