



Bio-Based Materials for Packaging

Guest Editors:

Prof. Dr. Raffaele Porta

Department of Chemical
Sciences, University of Naples
"Federico II", 80126 Naples, Italy

Prof. Dr. Prospero Di Piero

Department of Chemical
Sciences, University of Naples
"Federico II", 80126 Naples, Italy

Dr. Mohammed Sabbah

Department of Nutrition and
Food Technology, An-Najah
National University, P.O. Box 7
Nablus, Palestine

Deadline for manuscript
submissions:

closed (31 August 2021)

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) 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, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *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.

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, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

*International Journal of Molecular
Sciences*
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
@IJMS_MDPI