

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

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Prof. Dr. Prospero Di Pierro

Dr. Mohammed Sabbah

Deadline for manuscript submissions

closed (31 August 2021)



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About the Journal

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.

Editor-in-Chief

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