

## Special Issue

# Novel Bio-Based Materials from Renewable Sources

### Message from the Guest Editors

We invite investigators to contribute original research articles as well as review articles regarding the production and characterization of different kinds of bioplastics obtained by using different experimental approaches. Since the main disadvantages of the films derived from bio-based sources are their unsatisfactory mechanical properties and high sensitivity to the moisture, research using new enzymes, plasticizers, nanoparticles, or studies based on mono- and multi-layer systems by blending different biopolymers, is strongly preferred. Finally, a further requested topic of the present Special Issue is the development of novel materials functionalized through bioactive molecules in order to tailor them for specific antimicrobial and antioxidant applications both in animal and plant fields.

### Guest Editors

Prof. Dr. Raffaele Porta

Dr. Concetta Valeria Lucia Giosafatto

Dr. Loredana Mariniello

### Deadline for manuscript submissions

closed (15 May 2023)



## International Journal of Molecular Sciences

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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.

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### Editor-in-Chief

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