

Indexed in: PubMed



an Open Access Journal by MDPI

# **Biopolymer Composites 2019**

Guest Editors:

## Dr. Maria Cristina Righetti

CNR-IPCF, National Research Council—Institute for Chemical and Physical Processes, Via Moruzzi 1, 56124 Pisa, Italy

#### Prof. Dr. Patrizia Cinelli

Department of Civil and Industrial Engineering, Università di Pisa, Largo Lucio Lazzarino 1, 56122 Pisa, Italy

Deadline for manuscript submissions:

closed (25 November 2019)

## **Message from the Guest Editors**

This Special Issue aims to collect original full papers and/or reviews covering all the aspects related to the preparation and processing of biopolymer composites, including physical and chemical treatments utilized to improve the final performances of the materials, such as, for example, compatibilization, functionalization, and coating. In addition, topics of primary interest include the study of the physical, thermal, mechanical, viscoelastic, and morphological properties of biopolymer composites, as well as investigations of biodegradation kinetics and the analysis of possible applications.

# **Keywords**

- Biopolymers
- Biocomposites
- Natural fibres
- Agri-food waste materials
- Biodegradability
- Processing
- Interface/interphase modification
- Compatibilization
- Polymer and fibre modification and functionalization
- Morphology and phase structure
- Thermal, mechanical, viscoelastic, and morphological characterization



Specialsue









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 and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

#### **Contact Us**