



Bioactivity Evaluation and Application of Natural Polysaccharides

Guest Editors:

Dr. Yang Liu

School of Biology and Food
Engineering, Changshu Institute
of Technology, Changshu City,
Jiangsu Province, China

Dr. Huimin Liu

School of Food Science and
Engineering, Jilin Agricultural
University, Changchun, China

Deadline for manuscript
submissions:

closed (29 February 2024)

Message from the Guest Editors

Dear Colleagues,

Natural polysaccharides, abundantly found in higher plants, microorganisms (bacteria and fungi), lichen algae and animals, are biological macromolecules synthesized by organisms, located in cell walls, cells, intercellular and extracellular secretory substances, and are essential components of life activities. In recent years, more and more studies have focused on the activity and efficacy of natural polysaccharides from different sources, and confirmed that there are great application prospects and potential in many fields. This Special Issue of *Polymers* entitled “Bioactivity Evaluation and Application of Natural Polysaccharides” will focus on the relevant current knowledge of known or unknown polysaccharides in their bioactivity evaluation and application, to provide the most recent perspectives on this field. Papers of interest include research of any polysaccharides, either as a pure well-characterized compound or as characterized mixtures in in vitro and in vivo studies. Contributions to this Special Issue covering isolation, characterization, modifications and applications of natural polysaccharides are welcomed.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologie,
University of Potsdam, 14476
Potsdam-Golm, Germany

Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 5.0.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q1 (*Polymer Science*) / CiteScore - Q1 (*Polymers and Plastics*)

Contact Us

Polymers Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/polymers
polymers@mdpi.com
[X@Polymers_MDPI](https://twitter.com/Polymers_MDPI)