



## Advances in Natural Polysaccharide-Based Materials

Guest Editor:

**Dr. Chengcheng Li**

College of Light Industry and  
Food Engineering, Nanjing  
Forestry University, Nanjing,  
China

Deadline for manuscript  
submissions:

**25 August 2024**

### Message from the Guest Editor

Dear Colleagues,

Naturally derived polysaccharides originating from microorganisms, plant, and animals are driving a paradigm shift in modern materials science and technology due to their advantageous properties, including biocompatibility, biodegradability, intrinsic bioactivity, and diverse chemical properties. Moreover, the chemical, physical, and biological properties of polysaccharides can be altered to meet the diverse requirements of their applications in the preparation of functional materials, drug delivery, antibacterial, antiviral, and bioremediation. A comprehensive study covering the types, structures, properties, and applications is of great importance for facilitating the design of more effective bionanomaterials for various desired purposes in the near future.

Dr. Chengcheng Li  
*Guest Editor*





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](http://www.mdpi.com)

[mdpi.com/journal/polymers](http://mdpi.com/journal/polymers)  
[polymers@mdpi.com](mailto:polymers@mdpi.com)  
[X@Polymers\\_MDPI](https://twitter.com/Polymers_MDPI)