

## Special Issue

# Biopolymers and Bio-Based Polymer Composites

### Message from the Guest Editor

This Special Issue is devoted to one of the most popular fields of material science. Nowadays, biopolymers and biopolymer composites are considered to be a group of environmentally friendly materials with properties comparable to those of classic polymers. Due to society's growing sense of care for the natural environment, the use of biopolymers is currently one of the best available solutions to further reduce environmental pollution by commonly used plastics. Biopolymers and biopolymer composites have found applications in the fields of medicine and pharmacology and the packaging industry. They are often the subject of research related to the modification of properties and possible range of applications. This Special Issue focuses on biopolymers and biopolymer composite materials for different applications and aims to demonstrate researchers' ability to design and manufacture biopolymer and biopolymer-based composites to address challenges posed by the application of classical polymers.

### Guest Editor

Prof. Dr. Iwona Zarzyka

Department of Organic Chemistry, Faculty of Chemistry, Rzeszów University of Technology, 35-959 Rzeszów, Poland

### Deadline for manuscript submissions

closed (31 October 2024)



## Polymers

an Open Access Journal  
by MDPI

Impact Factor 4.9  
CiteScore 9.7  
Indexed in PubMed



[mdpi.com/si/187938](https://mdpi.com/si/187938)

*Polymers*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[polymers@mdpi.com](mailto:polymers@mdpi.com)

[mdpi.com/journal/  
polymers](https://mdpi.com/journal/polymers)





# Polymers

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.7  
Indexed in PubMed



[mdpi.com/journal/  
polymers](https://mdpi.com/journal/polymers)



## About the Journal

### 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 4.7.

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.

---

### Editor-in-Chief

Prof. Dr. Alexander Böker

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

---

### 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 (General Chemistry)