

## Special Issue

# Biopolymer Composites for Biomedicine Applications

### Message from the Guest Editors

The development of new biomedicine biomaterials with a highly developed structure is of great interest. Electrospinning is one of the most effective methods of creating polymer materials with a unique morphology that is very similar to that of a living organism. At present, there have been many changes and breakthroughs in the theory, methodology and practical realization of the electrospinning of biopolymers and their composites. The purpose of this Special Issue is to explore the most recent research articles and reviews in the design and analysis of electrospun polymer composites for biomedical applications.

---

### Guest Editors

Dr. Anatoly Olkhov

Academic Department of Innovational Materials and Technologies  
Chemistry, Plekhanov Russian University of Economics, 36 Stremyanny  
per., Moscow 117997, Russia

Dr. Polina Tyubaeva

Emanuel Institute of Biochemical Physics, Russian Academy of  
Sciences, Moscow 119991, Russia

---

### Deadline for manuscript submissions

28 February 2025



## Polymers

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.7  
CiteScore 8.0  
Indexed in PubMed



[mdpi.com/si/173201](https://mdpi.com/si/173201)

*Polymers*

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 4.7  
CiteScore 8.0  
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)