

Special Issue

Advanced Polymer Materials and Nanomaterials: Bioapplications and Beyond

Message from the Guest Editor

This Special Issue is focused on recent progress and novel trends in the science of polymer materials and nanomaterials with possible bioapplications. Special attention is devoted to polymers with advanced functions and unique properties applicable in both material research and biology-related disciplines.

The aim of this Special Issue “Advanced Polymer Materials and Nanomaterials: Bioapplications and Beyond” is to highlight the most recent discoveries and progress in all fields of science dealing with polymers with possible bioapplications. The biggest focus is placed on material characterization, stimuli-responsive materials, self-healing materials, tissue engineering, antimicrobial activity, cell culture, drug delivery, biomaging, bioactivity, but also beyond. Researchers working in this field and related disciplines are encouraged to publish their recent findings in this Special Issue of *Polymers*.

Guest Editor

Dr. Silvie Rimpelová

Department of Biochemistry and Microbiology, University of Chemistry and Technology Prague, Technická 3, 166 28 Prague, Czech Republic

Deadline for manuscript submissions

closed (25 November 2022)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/91735

Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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 4.9.

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

Fraunhofer-Institut für Angewandte Polymerforschung, Lehrstuhl für Polymermaterialien und Polymertechnologie, Universität Potsdam, Geiselbergstraße 69, 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, CAPIus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)