



*polymers*



an Open Access Journal by MDPI

## Polymers for Wound Dressings

Guest Editor:

**Prof. Dr. Blessing Atim  
Aderibigbe**

Department of Chemistry,  
University of Fort Hare, Alice  
Campus, Eastern Cape 5700,  
South Africa

Deadline for manuscript  
submissions:

**closed (30 August 2023)**

### Message from the Guest Editor

Polymers have been widely used for the development of wound dressings. The numerous advantages offered by polymers include excellent tailorable properties, easy processing, flexibility for chemical modifications, affordability, overcoming toxicity, ready availability, degradability, and biocompatibility supporting skin regeneration, and ability to be used as skin substitutes. These features have motivated researchers to design different classes of polymer-based wound dressings with excellent features for different types of wounds, resulting in accelerated wound healing.

This Special Issue of *Polymers*, entitled "Polymer for Wound Dressing" aims to present a collection of original research and review articles on the development and characterization of polymer-based materials for wound dressings, skin regeneration, and antibacterial treatment. Authors are invited to share recent advances in polymer-based materials developed for wound dressings, skin regeneration, and polymer-based delivery systems for the delivery of antibacterial agents together with their future perspectives.



[mdpi.com/si/104401](https://mdpi.com/si/104401)

# Special Issue



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)