



Polymer Technology for Nanomedicine and Wound Healing

Guest Editors:

Prof. Dr. Giuseppina Sandri

Department of Drug Sciences,
University of Pavia, Viale
Taramelli 12, 27100 Pavia, Italy

Prof. Dr. Silvia Rossi

Department of Drug Sciences,
University of Pavia, Viale
Taramelli 12, 27100 Pavia, Italy

Deadline for manuscript
submissions:

closed (25 March 2024)

Message from the Guest Editors

The aging society will become predominant in the near future, the chronic pathologies are expected to increase, and the costs associated with healthcare will equally escalate. Chronic wounds are often related to underlying chronic diseases and trauma. Moreover, especially in the elderly population, surgeries and burns could create lesions that are difficult to heal. Existing wound therapies have been proven to be inadequate and far from satisfactory. The advancements in nanotechnologies provide tools to face these challenges and to identify innovative therapeutic strategy. Furthermore, nanotechnologies not only offer targeted and controlled drug release, but are also suitable carriers for biological/biotechnological modulators in order to achieve the biological augmentation of the healing process.

The Special Issue aims to share the recent developments in wound healing, led by nanotechnology, their applicability, and advantages, considering not only nanosystems, but also scaffolds/matrices loaded with nanosystems, in order to achieve tissue reparation and regeneration.





an Open Access Journal by MDPI

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

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.

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)

Contact Us

Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/polymers
polymers@mdpi.com
X@Polymers_MDPI