Special Issue

Polymer Technology for Nanomedicine and Wound Healing

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.

Guest Editors

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Deadline for manuscript submissions

closed (25 March 2024)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/35830

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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
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