

Special Issue

Biomedical Polymer Materials for Wound Healing

Message from the Guest Editor

Chronic hard-to-heal wounds, uncontrollable wound ulcers, diabetic foot, and fall fractures due to imbalance of bone homeostasis in aging are major medical and public health problems that require solutions in an aging society. We are pleased to invite you to share your latest research progress, development direction, and advanced reviews of biomedical polymer materials that utilize polymers as the core raw materials in wound healing. This Special Issue aims to establish an autonomous repair strategy for complex hard-to-heal wounds by discussing and presenting the functionalization and spatiotemporal regulation of tissue regeneration, with a view to breaking through the clinical technical bottleneck of vascularized regenerative repair of hard-to-heal wounds. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: biomedical polymer; wound healing; tissue regeneration; multifunctional hydrogels; tissue-engineered scaffolds; skin dressings; hemostatic materials; wearable devices; and drug-controlled release systems.

Guest Editor

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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

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