

Special Issue

Advanced Green Polymeric Materials for the Medical Sector

Message from the Guest Editors

With the increase in environmental concerns and the depletion of fossil-based resources, polymer chemistry has progressively shifted its interest towards renewable bio-based monomers and macromolecules as well as to green-chemistry approaches to their synthesis. The Special Issue “Advanced Green Polymeric Materials for the Medical Sector” will focus on green polymers, copolymers, and polymer blends suitable for the fabrication of advanced materials employable in the medical sector. Topics of interest include, but are not limited to: 1) bioresorbable scaffolds for regenerative medicine and tissue repair; 2) reprocessable medical devices and disposables; 3) recyclable green packaging for medical devices; and 4) polymeric materials properly designed and endowed with advanced functionalities for the envisioned application (e.g., biocompatibility, antibacterial and antifouling characteristics, stimuli-responsive properties).

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2022)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/55429

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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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