



Advanced Green Polymeric Materials for the Medical Sector

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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).





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Message from the Editor-in-Chief

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