

Special Issue

Advanced Polymers for Cardiovascular Applications

Message from the Guest Editor

This Special Issue, “Advanced Polymers for Cardiovascular Applications”, aims to highlight the latest developments and innovations in the use of polymers within the field of cardiovascular engineering. Polymers have become indispensable in the design and fabrication of devices and materials intended to treat and manage cardiovascular diseases. This Special Issue will explore cutting-edge research and advancements in polymer science, focusing on their application in developing vascular grafts, stents, heart valves, and drug delivery systems. We invite contributions that address the synthesis, characterization, and performance evaluation of novel polymers tailored for cardiovascular applications. Submissions that discuss biodegradable and biocompatible materials, surface modifications to enhance functionality, and polymers’ role in tissue engineering and regenerative medicine are particularly welcome. By bringing together insights from material science, biomedical engineering, and clinical perspectives, this Special Issue aims to foster interdisciplinary collaboration and pave the way for future innovations in cardiovascular treatments.

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 4.7.

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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