

Special Issue

Polymers for Biomedical Imaging and Therapy

Message from the Guest Editor

Advances in polymer science are critical for the successful development of these multi-component composites in one particulate system for biomedical applications. They hold great promise due to their facile synthesis and excellent biocompatibility, tolerability, and bioavailability. A variety of polymer material platforms, including polymer–drug conjugates, polymeric micelles, polymersomes, and dendrimers, are extensively used in theranostic nanomedicine, allowing for the molecular diagnosis, targeted drug delivery, and simultaneous monitoring and treatment of such diseases. This Special Issue is a collection of original research papers, reviews, and commentaries that addresses the synthesis and formulation of polymer particles containing imaging agents (iodine, gold, SPIONPs, gadolinium, etc.), therapeutics (i.e., DNA, siRNA, proteins, small drugs, etc.), and targeting moieties as an efficient delivery system. Those multifunctional polymeric particles will be able to address many challenges presented in clinical nanomedicine and providing potential therapeutic outcomes to patients.

Guest Editor

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Deadline for manuscript submissions

closed (15 October 2022)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/62484

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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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