

Special Issue

Functional Polymers for Drug Delivery System

Message from the Guest Editors

In the frame of the current challenges, functional polymers owing to their characteristics (e.g., versatility in formulation and functionalization, stimuli-responsibility, biodegradability for controlled drug release and ability to encapsulate/solubilized a wide variety of therapeutics) are of particular interest in the formulation of various drug delivery systems with more sophisticated structures and functions. Moreover, these drug delivery systems should ensure optimal therapeutic efficiency by preserving and precisely delivering the encapsulated therapeutic agent to the targeted site with minimal site-effects, releasing it in a controlled and sustained manner, in accordance with its purpose, its pharmacological properties and patient-specific therapeutic function. The purpose of this Special Issue is to highlight recent achievements in the design of drug delivery formulations leveraging functional polymers with potential applications in biomedicine.

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Deadline for manuscript submissions

closed (25 December 2022)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/106689

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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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