

Special Issue

Functional Polymers for Drug Delivery System II

Message from the Guest Editors

Continuous scientific progress has shifted the focus of biomedicine research from conventional treatment (focused only on the disease) toward personalized, non-invasive biomedicine, which blurs the limits between the organic/inorganic chemistry and molecular biology. This change in perspective fosters the development of advanced drug-delivery approaches with predictable and tuneable features for improving specificity and drug bioavailability in accordance with the therapeutic purpose. 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. 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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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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