

Special Issue

Polymers for Controlled/Targeted Drug and Gene Delivery

Message from the Guest Editors

In recent decades, polymers are widely used as biomaterials due to their favorable properties, such as good biocompatibility, biodegradability, simple design and preparation of a variety of structures with tunable characteristics. The development of drug delivery systems based on natural and synthetic polymers is rapidly emerging in the pharmaceutical field. Polymers play a significant role as drug and gene carriers because they can deliver therapeutic agents directly into the intended site of action at a controlled rate with superior efficacy. Thus, the formulation of polymer carriers with improved characteristics can provide better control of the pharmacokinetic and pharmacodynamic drug behavior and ensure more effective and safe therapy.

This Special Issue will collect studies concerning the current and emerging research on the design and development of advanced polymer drug/gene delivery systems and their application. Special attention will be given to research articles focused on major conceptual and technological challenges to the successful formulation of polymer-based systems for controlled/targeted delivery with improved therapeutical properties.

Guest Editors

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Deadline for manuscript submissions

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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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