

Special Issue

Smart Polymeric Systems as Drug Delivery Carriers

Message from the Guest Editor

This Special Issue is devoted to polymer-based materials suitable as functional vehicles for drugs. As candidates for drug delivery application, materials must be biocompatible, biodegradable, nonimmunogenic and nontoxic. The new approach for polymeric drug vehicles includes intelligent drug delivery systems, i.e., stimuli-responsive drug carriers and systems with feedback-regulated drug release. While being administrated, drug is released under specific stimulus at targeted site. Thermo-, pH, electrical or magnetic responsive drug delivery systems are being investigated as potential candidates for sustained and controllable drug release, including liposomes, nanogels, nanocapsules, hydrogel beads, micelles, and so on.

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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