

Special Issue

Polymer-Based Biomaterials for Modified Release of Active Substances

Message from the Guest Editors

The biocompatible and biodegradable polymers find biomedical applicability due to their potential use to obtain nanoparticles and microparticles for the modified release of active substances. Different polymers may be physically mixed, complexed, or chemically conjugated to a variety of bioactive molecules to obtain a large and diverse family of polymer-biomolecule structures, called “bio-hybrid” or “double smart”, which can specifically respond to biological, physical and chemical stimuli. This Special Issue will focus on the general topic of the polymeric bio-systems, development and challenges, characterization, biocompatibility evaluation, and their applications. We would like to invite authors to contribute with original articles and reviews on polymeric biomaterials and drug delivery systems to present results reflecting research efforts in this field.

Guest Editors

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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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