

Special Issue

Polymeric Drug Delivery Systems: Design, Synthesis and Applications

Message from the Guest Editor

Polymeric drug delivery systems have achieved significant development in the last few decades. However, drug delivery efficiency is still unsatisfactory, and the difficulties in regulating drug entry and accumulation at the target site with a controlled release remain. A smarter and more sustainable polymeric DDS is thus urgently needed. To address these issues, the polymeric drug delivery community is developing new polymer materials with a truly intelligent delivery system to meet the needs for specific targeting, intracellular transport, biocompatibility, and responsive behavior to physiological environments. The aim of this Special Issue is to address the recent developments in this field of research, including natural polymers, synthetic polymers, biodegradable and bio-absorbable polymers, biocompatible, biomimetic polymers, and bio-related polymers. The advanced applications of these polymeric DDSs will also be highlighted in this Special Issue.

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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