Special Issue

Biodegradable Polymers for Controlled Drug Release and Delivery

Message from the Guest Editors

Dear Colleague, Biodegradable polymers are frequently applied as the building block of drug carriers to encapsulate and store the therapeutic drugs from immune clearance and to deliver them to illness sites. They are also adapted to possess stimuli-responsive properties for triggering and controlling the release of laden drugs through biological, chemical, or physical reactions at a targeting region. In this Special Issue, we would like to invite short communications, reviews, and research articles to collect the most advanced results, including the synthesis, characterization, and properties of natural and synthetic biodegradable polymers, with particular attention paid to their controlled release behaviours as well as the drug delivery applications.

Keywords Biodegradable polymers; Natural polymers; Polysaccharides; Aliphatic polyesters Stimuli-responsive polymers; Polymeric carriers Controlled drug release; Drug delivery Drug release mechanism and kinetics; Synthesis, characterization, and applications

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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

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