# Special Issue

# Polymers and Drug Delivery Systems II

### Message from the Guest Editor

Biocompatible, both natural and synthetic, polymers constitute the backbone of drug delivery and release. The use of water-soluble polymers in combination with such active ingredients can lead to a significant increase in the rate of dissolution and immediate release dosage forms can be prepared, such as tablets, or capsules. Hydrophobic polymers, on the other hand, allow to modulate the dissolution of drugs when the reduction of the frequency of administration is desired. In this case, modified release dosage forms are synthesized. If polymers, in addition to being biocompatible, are also biodegradable, it is possible to consider not only the pharmaceutical sector but also the biomedical one; in fact, these can also be used in plants, considering that their degradation leads to the formation of non-toxic monomers. This Special Issue is the continuation of a published Special Issue entitled "Polymers and Drug Delivery Systems", which contains 12 papers that dealt with novel drug delivery applications, from nanoparticles to microcapsules or microparticles, from inclusion complexes to targeted delivery.

### Guest Editor

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### Deadline for manuscript submissions

closed (20 December 2022)

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# About the Journal

## 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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