



## Polymers and Drug Delivery Systems II

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Deadline for manuscript  
submissions:

**closed (20 December 2022)**

### Message from the Guest Editor

Dear Colleagues,

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.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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