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Polymeric Materials for Drug Delivery Application

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Message from the Guest Editors

The present Special Issue aims at covering all the aspects of innovative polymeric drug delivery systems. Special emphasis will be given to novel polymeric matrices used for this objective without excluding already studied (co)polymers, and blends with novel formulations and applications. We also intend to include in this Special Issue, apart from classic techniques, composites, macro- or prodrugs, electrospinning prepared matrices, hydrogels and freeze drying, etc., novel techniques such as 3D printing, microneedles, or others for drug delivery applications. During the past few decades, there has been an increasing interest in the development of polymeric biodegradable micro/nanoparticles for effective drug, peptide, protein, and DNA delivery. Incorporation of the drug into a particulate nanocarrier can protect the active substance from in vivo/vitro degradation. It also offers possibilities such as targeting, improving therapeutic effect, controlling drug release rate and decreasing the frequency of administration, in other words delivering a certain amount of a therapeutic agent for a prolonged period of time to a targeted diseased area within the body (ideal drug loading).

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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.

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