



Polymeric Drug Delivery Systems: Design, Synthesis and Applications

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Message from the Guest Editor

Dear Colleagues,

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.

Dr. Yajuan Sun
Guest Editor





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