

Special Issue

Recent Advances in Polymeric Delivery Vehicles for Controlled and Sustained Drug Release

Message from the Guest Editors

The latest advances in drug delivery systems are aimed at delivery drugs in controlled fashions from both temporal and spartial perspectives. Polymers have recently been employed in these approaches for drug delivery, tissue engineering, cell encapsulation, the fabrication of medical devices, and a diversity of other biomedical applications. This Special Issue aims to provide an updated account of recent advances in the synthesis, characterization, engineering, and use of polymers, being synthetic or natural, for drug delivery and sustained drug release. We invite authors to report their recently developed novel polymer-based carriers in therapeutics and diagnoses that overcome the limitations associated with drug administration and enhance the life quality of patients. Research areas of particular interest include (but are not limited to) the following:

- Long-acting parenteral formulations;
- Preparation and evaluation of microparticles;
- Hydrogel-based formulations;
- Controlled-release systems for topical agents or cosmetics;
- Nanomaterials in drug delivery.

We look forward to receiving your contributions.

Guest Editors

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Editor-in-Chief

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