

Special Issue

Advances in Polymeric Drug Delivery Systems, 2nd Edition

Message from the Guest Editors

Research into the design, characterization, fabrication, and development of drug delivery systems used in pharmaceuticals based on natural and synthetic polymers has achieved tremendous growth over the past two decades. Efficient drug delivery systems are designed to improve the pharmacokinetics and pharmacodynamics of any therapy. Their goal is to enable the drug to be delivered to the right place, at the right time, and in the right amount. Drug delivery systems employ strategies such as controlled release, targeted delivery, or improving the solubility and stability of a drug in such a way so as to provide increased drug efficacy. The next step in effective drug delivery is to select a drug delivery system that can achieve the desired results.

The purpose of this Special Issue is to provide a contemporary overview of the latest developments in drug delivery systems, particularly breakthroughs and advances in the synthesis, fabrication, characterization, and applications of innovative polymeric biomaterials in drug delivery.

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