

Special Issue

Advances in Polymeric Drug Delivery Systems

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. 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 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. The recently increasingly used (bio)degradable polymers are also noteworthy, as well as design and fabrication techniques, such as additive manufacturing, offering innovative possibilities for the design and development of systems with complex geometry, and programmed controlled release profile. Original research articles, case reports, letters, and short communications covering aspects of current trends in the development of such systems will be welcome.

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