

Special Issue

Biodegradable Polymers for Pharmaceutical Applications

Message from the Guest Editor

Biodegradable polymers are degraded by hydrolysis and enzymatic reactions in the body, producing by-products of human physiologic metabolism that can be eliminated from the organism. Because of these features, biocompatible and biodegradable polymers have enormous potential for pharmaceutical applications. They can be natural, synthetic, and semisynthetic materials and can form coatings, hydrogels, films, fibers, and nano- and microparticles. These materials can be used as drug delivery systems, hemocompatible surface coatings, wound dressings, scaffolds, and antimicrobial materials. This Special Issue invites researchers to submit papers that concern biodegradable polymers and highlight recent progress and the current pharmaceutical landscape. The authors must focus on biodegradable polymers (natural, synthetic, and semisynthetic materials) and biodegradable polymer-based materials applied as drug delivery systems, scaffolds, antimicrobial, and hemocompatible materials for pharmaceutical applications.

Guest Editor

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