

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

Prof. Dr. Alessandro F. Martins

Laboratory of Materials, Macromolecules and Composites (LaMMAC),
Federal University of Technology, Apucarana, Brazil

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Pharmaceutics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

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Editor-in-Chief

Prof. Dr. Patrick J. Sinko
Ernest Mario School of Pharmacy, Rutgers, The State University of New Jersey, William Levine Hall, Room 225C, 160 Frelinghuysen Road, Piscataway, NJ 08854-8020, USA

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