

Special Issue

Polymeric Materials for Biomedical Applications, Drug and Gene Delivery

Message from the Guest Editor

The design of polymeric materials for all kinds of biomedical applications requires solving a big set of synthetic problems to study their biocompatibility and to discuss the ways in which the materials under consideration could be helpful for human beings. This Special Issue focuses on all the abovementioned aspects dealing with the elaboration and functioning of polymeric materials for biomedical applications. Research articles and reviews are welcome. Potential topics include, but are not limited to, the following: design, synthesis, characterization, functionalization and processing of polymers and composites for different biomedical applications; bioresorbable polymeric materials; materials for drug and gene delivery; materials for bone surgery, orthopedics and dentistry; and materials for tissue engineering, medical devices and biosensors.

Guest Editor

Prof. Dr. Ilya E. Nifant'ev

Department of Chemistry, Lomonosov Moscow State University,
Leninskie Gory 1–3, Moscow 119991, Russia

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4052 Basel, Switzerland
Tel: +41 61 683 77 34
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The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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