Special Issue

Polymeric Biocomposite for Biomedical Applications

Message from the Guest Editor

The Special Issue, “Polymeric Biocomposites for Biomedical Applications”, will address advances in polymeric biocomposites, processing, characterization, development, and application in medicine. Biocomposites are natural fiber-reinforced biopolymers. These materials as an alternative to conventional materials that may be nonrenewable, recalcitrant, or manufactured by pollution-emitting processes. Biocomposites are playing a crucial role in the field of biomaterials and their importance in healthcare sector applications. Original papers are solicited on all types of biocomposites. Of particular interest are recent developments in advanced polymer biocomposites, processes, physicochemical and biological characterization, and applications in soft and hard tissues, that is, in tissue engineering. Welcome are articles and reviews dealing with these materials for different medical applications: bone regeneration dental materials, cardiac tissue, nanocomposites for drug delivery systems.

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2021)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/61786

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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