

Special Issue

Bone Biomaterials

Message from the Guest Editor

Bone biomaterials are used for the reconstruction of degenerated or damaged parts of the musculo-skeletal system. Controlling cell–biomaterial interactions plays a vital role in influencing subsequent biological processes such as cell proliferation and differentiation. This Special Issue focuses on degradable calcium phosphate biomaterials for bone tissue engineering. Contributions on related topics are also welcome. Thus, we invite reviews and/or original papers reporting new results in the field of bone substitute development, including in vitro and in vivo analyses. Keywords

- bone biomaterial
- calcium phosphate
- degradation
- biocompatibility
- cell microenvironment

Guest Editor

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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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