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New Implant Materials

Guest Editor:

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Deadline for manuscript
submissions:

closed (20 February 2023)

Message from the Guest Editor

The modern research strategies in the biomaterials field and innovative biomedical technology are today focused toward biomaterials which provide immediate or long term activity, as well as controlled properties which release one or more active principles capable of playing a critical role in human bone and soft tissue healing and regeneration.

Innovative digital software and procedures, new metal alloys and bio-ceramics, innovative devices, polymers and nanoparticles, hybrid composites, novel macro- and micro-design materials, new drugs, innovative equipments for diagnosis and clinical applications, innovative chemicals or physical substances that promote or improve bone and soft tissue response in physiological and pathological conditions towards implants or prostheses are to be considered welcome topics for the Special Issue in order to show experimental research results in vitro and in vivo on animal and human model, as well as literature reviews and meta-analysis.



mdpi.com/si/44109

Special Issue



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Editor-in-Chief

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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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