Special Issue

Materials for Hard Tissue Repair and Regeneration (Second Volume)

Message from the Guest Editor

Biomaterials are not only inanimate matter, but also cells and extracellular matrix, and even living tissues themselves are now treated as "biomaterials". In fact, these biomaterials are increasingly being used for tissue regeneration and repair, as well as for the treatment of various diseases that require biomaterials. Against this background, it is necessary to study the interaction between various biomaterials and living organisms and the application, use, development, and evaluation of biomaterials from various academic disciplines. Artificial intelligence has also begun to be used to evaluate biomaterials. This Special Issue focuses on biomaterials in a broad sense used in tissue repair and regeneration processes and in the treatment of diseases and introduces their biological responses, material properties, fabrication methods, and evaluation methods. We invite submissions of reviews and original papers on recent developments in related fields.

Keywords

- biomaterials
- regeneration
- tissue interaction
- medical
- dental

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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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