

Special Issue

Novel Biomaterials for Soft and Hard Tissue Regeneration

Message from the Guest Editor

This Special Issue on “Novel Biomaterials for Soft and Hard Tissue Regeneration” will focus on original research papers related to engineered biomaterials for the regeneration of bone, cartilage, surrounding tissues (tendons, ligaments), and skin (such as in wound healing, wound dressing, and skin burns), as well as other soft tissues. Topics include—but are not limited to—the following:

- Synthesis or processing of biomaterials or systems;
- Characterization studies, including process–structure–property–function relationship investigations within the context of tissue engineering;
- Functionalization strategies, including bio-, stimuli-responsive, smart, and multifunctionalization approaches within the context of tissue engineering;
- Cell–material and stem cell–material interactions studies, including mechanobiology aspects within the context of tissue engineering;
- Applications across various fields of tissue engineering, including in vitro and in vivo performance evaluation studies.

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2021)



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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.

Editor-in-Chief

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