

Special Issue

Advances in Bone Graft Materials

Message from the Guest Editor

Appropriate submissions should include the mechanism of function of newly designed bone graft materials, differentiation from previous materials, and applicable indications in clinical situations, and it would be even better if in-vitro and in-vivo animal studies were included. Of course, an animal study is not a mandatory inclusion, but you must mention that you have obtained an ethical permit if you include it. Submissions describing attempts to replace existing animal-derived bone graft materials, and/or to develop new collagen and bone graft materials derived from various origins, existing bone graft materials that enhance functionality and new bone graft materials with new functions. All advanced bone graft materials can be included. All submissions must clearly connect the material composition and/or mechanism with the desired mechanical and/or biological function of the biomaterial. It is important to note that there is an outstanding clinical problem to be solved in relation to the work of science and engineering. Keywords

- Bone
- Function
- Graft
- Biomechanics
- Remodeling
- Biocompatible
- Osteoblast
- Regeneration

Guest Editor

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Deadline for manuscript submissions

closed (10 October 2022)



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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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