Journal of
Functional Biomaterials

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Bone Regeneration and Repair Materials

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Deadline for manuscript submissions:
closed (20 February 2024)

Message from the Guest Editors

Bone tissue has a remarkable capacity to regenerate after injury and trauma. However, the extent of bone loss or the presence of concurring diseases can often surpass its regenerative ability, leading to the failure of conventional procedures and, consequently, the need for additional treatments. Regenerative medicine in the context of bone regeneration encompasses all currently available treatments including biological and material approaches as well as the combination of both, which are under the scrutiny of researchers and clinicians. This Special Issue, "Bone Regeneration and Repair Materials", aims to compile original articles and reviews in this field, covering all aspects of scientific investigation from bench to bedside. Papers dealing with, but not limited to: new insights on the use of grafts and/or fixation devices; the role of cells and growth factors, either combined or not with biomaterials; the development, physico-chemical modifications, characterizations, and biological evaluations of bone biomaterials; and innovative advances toward bone regeneration are of great interest.

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Editor-in-Chief

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Message from the Editor-in-Chief

The biomaterials field is one of the largest and fastest growing research areas both in the scientific community and in the industrial one. Biomaterials are the result of collaborations between different disciplines: chemistry, medicine, pharmacology, engineering and biology. The objective of this collaboration is to lead to the implementation of new devices to restore form and human body functions. The mission of the *Journal of Functional Biomaterials* (*JFB*) is to focus attention on physico-chemical characteristics and their importance in the interactions between biomaterials and living tissues. *JFB* seeks to publish studies on the preparation, performance and use of biomaterials in biomedical devices, as well as regarding their behavior in physiological environments. We are pleased to welcome you as our authors.

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Journal Rank: JCR - Q1 (Engineering, Biomedical) / CiteScore - Q2 (*Biomedical Engineering*)

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