

Special Issue

Functional Biomaterial for Bone Regeneration

Message from the Guest Editors

It is generally recognized that the success of bone regeneration depends not only on the choice of a particular surgical technique and the clinical experience of the therapist, but also on the knowledge, correct selection, and use of various biomaterials. Therefore, the science of biomaterials is one of the fastest growing disciplines in dentistry, and a more thorough knowledge of the properties of existing biomaterials, as well as the development of new biomaterials, are certainly areas that require special research attention. We believe that the topic of this Special Issue is of great importance to professionals working in the field of tissue engineering, dental implantology, and regenerative dentistry, and that this issue provides a great opportunity to publish previously unaddressed topics related to biomaterials for bone regeneration.

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2025)



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About the Journal

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.

Editor-in-Chief

Prof. Dr. Pankaj Vadgama

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