

Special Issue

Biodegradable Materials in Tissue Engineering for Dental Applications

Message from the Guest Editors

In regenerative dentistry, there is a wide choice of available materials that can be applied for hard and soft tissue augmentation. This Special Issue will focus on the recent advancements in the field of regenerative dentistry regarding in vitro, in vivo and clinical studies. The research should focus on resorbable biomaterials such as allografts, xenografts and synthetic materials that can be applied for regenerative applications in the oral cavity.

This Special Issue advocates for the development of functional biomaterials regarding their biocompatibility, non-immunogenicity, nontoxicity, space-making ability, cell occlusion, tissue integration, biodegradation in consideration of the critical healing period and clinical manageability.

We encourage you to submit reviews and original research papers of your most creative work that has the potential to advance new developments in the field of functional biomaterials.

Guest Editors

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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

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