

Special Issue

New Trends in Biomaterials and Implants for Dentistry

Message from the Guest Editor

Biomaterials and dental implants form part of a dental surgeon's arsenal of resources for the treatment and rehabilitation of atrophic bone ridges. The aim of this Special Issue is to present the current scenario of new trends in products, processes and techniques related to biomaterials and implants for use in dentistry. For this, we invite manuscripts that focus on a wide range of issues and concerns regarding the subject of the Special Issue, including, but not limited to, the following: bone substitutes, biologic modulators for bone and soft tissue regeneration, scaffolds, resorbable and non-resorbable membranes for guided bone and tissue regeneration, collagen matrices, implant surfaces, implant surgery, implant macrostructures and titanium mesh. In vitro, in vivo (animal) and clinical human studies will be accepted for evaluation, as well as systematic literature reviews that address the topic of this Special Issue.

Guest Editor

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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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