

Special Issue

Dental Implant: Recent Advances in Methodologies and Regulations

Message from the Guest Editor

This Special Issue focuses on dental-related functional materials, aiming to foster global collaboration and facilitate the sharing of interesting and innovative discoveries in the realm of new biomaterials in dentistry and oral medicine. The scope of this section encompasses various aspects of materials science and technology used in dental and oral medical applications. This includes, but is not limited to, the surface modification of dental implants, biomaterials for bone tissue regeneration, composite materials, polymeric materials, hydrogels, bio-inspired scaffolds, nano-dental materials, and other scientific research topics. With a specific emphasis on the development of implant surface modification, diverse biomaterials, and tissue engineering strategies, this section actively invites high-quality original research articles and systematic reviews related to the theme. The objective is to provide novel research perspectives, findings, and innovative discoveries in the field of dental biomaterials.

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Guest Editor

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Deadline for manuscript submissions

closed (31 January 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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