

Special Issue

Recent Advances in Dental Implants and Biomaterials - Volume II

Message from the Guest Editors

Recent advances in dentistry have led to improvements in diagnostic capabilities, as well as the rehabilitation of dental and oral tissues and the overall management and improvement of oral functioning. Dental biomaterials have played critical roles in these advances in rehabilitation and in the recovery of form and function. This Special Issue calls for recent studies from a range of fields in science and engineering that are poised to guide investigations on tissue-contacting biomaterials to control healing and advances in dental materials and their application using novel and interdisciplinary methods, and to understand mechanisms, clinical perspectives, etc., which will overall be beneficial to healthcare. **Keywords**

- dental materials
- dental biomaterials
- scaffolding
- tissue engineering
- biomechanics
- regeneration
- implants
- polymers
- resins
- ionomers
- nanotechnology
- nanobiology
- nanotechnology
- bioactive restorative materials

Guest Editors

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closed (20 February 2023)



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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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