Special Issue

New Biomaterials in Periodontology and Implantology

Message from the Guest Editors

This Special Issue on new biomaterials in periodontology and implantology aims to highlight the cutting-edge advancements and interdisciplinary approaches that are shaping the future of dental treatments. It is dedicated to exploring the role of biomaterials in enhancing the efficacy, durability, and biocompatibility of periodontal and implant therapies. It seeks to bridge the gap in translational research by showcasing novel materials, technologies, and methodologies that promise to revolutionize patient care in periodontology and implantology.

The scope of this Special Issue encompasses, but is not limited to, the development and characterization of new biomaterials, advances in tissue engineering for periodontal and peri-implant regeneration, innovations in implant surface modifications, and the application of nanotechnology in dental implants, including in the treatment of peri-implant diseases. By compiling research articles, reviews, and case reports, this Special Issue aims to provide a comprehensive overview of the current trends, challenges, and future directions in the field.

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

Prof. Dr. Pankaj Vadgama
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