

Special Issue

Biomaterials and 3D Printing in Dentistry: Research and Clinical Innovations

Message from the Guest Editors

Three-dimensional printing has emerged as one of the most dynamic and rapidly expanding technologies in contemporary dentistry. Its integration with advanced biomaterials has opened new possibilities across multiple areas of dental research and clinical practice.

This Special Issue aims to provide an updated overview of biomaterials and 3D printing in dentistry, highlighting their potential to transform scientific investigation and clinical workflows. We welcome original research articles, reviews, and clinically oriented studies addressing the development, characterization, validation, and application of printable biomaterials and additive manufacturing technologies in dentistry.

Building on the growing body of literature in digital dentistry, biomaterials science, and additive manufacturing, this Special Issue seeks to bring together contributions from different dental specialties and provide a broad and interdisciplinary perspective on how biomaterials and 3D printing are currently being used and how they may shape the future of dentistry.

We invite researchers and clinicians to contribute to this Special Issue and share their latest findings, experiences, and perspectives.

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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