Special Issue

Surface Properties of Dental Restorative Materials

Message from the Guest Editors

The surface properties of dental restorative materials are crucial determinants of their durability, functionality, and esthetic appeal in clinical applications. Characteristics such as surface roughness, hardness, surface tension, and texture significantly influence a restoration's resistance to wear, its tendency to retain bacterial plaque, and its interactions with surrounding biological tissues. Common restorative materials, including composite resins, ceramics, and metal alloys, each possess unique surface attributes that impact their long-term clinical success and patient satisfaction.

This Special Issue, entitled “Surface Properties of Dental Restorative Materials”, invites original research articles and reviews that explore recent advancements in optimizing these properties to enhance clinical outcomes in dental restoration.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2025)

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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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