

## Special Issue

# Innovative Materials for Orthodontics and Prosthodontics: Paving the Way for Precision Dentistry

### Message from the Guest Editors

Orthodontics and prosthodontics have seen significant advancements in recent years, largely driven by innovations in materials science. The development of new materials tailored to these fields has enhanced treatment outcomes, improved aesthetics, and allowed for more personalised, precise dental care. Current research focuses on the integration of advanced materials such as high-strength ceramics, bioactive composites, and smart biomaterials that respond to environmental changes within the oral cavity. These innovations not only aim to improve the durability and function of orthodontic appliances and prosthodontic restorations, but also to enhance patient comfort and reduce treatment times. This Special Issue seeks contributions on the latest advancements in materials for orthodontics and prosthodontics, with a particular focus on novel materials, their properties, clinical applications, and future trends in precision dentistry. Researchers are invited to submit papers that explore new material formulations, fabrication techniques, and their impact on treatment outcomes and long-term success in dental care.

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## Journal of Functional Biomaterials

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Impact Factor 5.2  
CiteScore 6.8  
Indexed in PubMed



[mdpi.com/si/250670](https://mdpi.com/si/250670)

*Journal of Functional Biomaterials*  
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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.

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### Editor-in-Chief

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