

## Special Issue

# Advanced Dental Materials for Oral Rehabilitation

### Message from the Guest Editors

This Special Issue, titled "Advanced Dental Materials for Oral Rehabilitation", will explore the latest innovations and developments in dental materials that are crucial for enhancing oral rehabilitation practices. Our goal is to bring together cutting-edge research that focuses on the design, synthesis, and application of novel materials that improve both the functional and aesthetic outcomes of dental restorations and prosthetics. We seek to address significant challenges in oral rehabilitation, such as the durability of materials under mechanical stress, biocompatibility with oral tissues, and the seamless integration of materials with biological tissues. Contributions will delve into advanced dental materials, including high-strength ceramics, polymer composites, bioactive glasses, and smart materials that respond to environmental stimuli. Research on innovative bonding agents and surface treatments that enhance the adhesion and longevity of dental restorations is also highly encouraged. This Special Issue will highlight interdisciplinary approaches that combine insights from materials science, biomedical engineering, and clinical dentistry.

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### Guest Editors

Dr. João Paulo Mendes Tribst

Prof. Dr. Gabriel Kalil Rocha Pereira

Dr. Rafaela Oliveira Pilecco

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### Deadline for manuscript submissions

closed (20 May 2025)



## Oral

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## About the Journal

### Message from the Editor-in-Chief

*Oral* is an official, peer-reviewed publication from MDPI, which deals with the key issues of oral health and its related fields. It allows for the dissemination of scientific research focused on emerging problems in the fields of dentistry and oral health, providing a forum to promote scientific information. Indeed, the need to face emerging problems, such as the progressive aging of the population and the impact of technological progress on healthcare, represents some pillars on which to build novel therapeutic strategies in the field of dentistry. *Oral* provides a great opportunity to contribute to progress in the field of oral health through the distribution of high-quality articles

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### Editor-in-Chief

Prof. Dr. Giuseppina Campisi

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