



Biomechanics Studies in Dentistry

Guest Editors:

Dr. Joao Paulo Tribst

Department of Dental Materials,
Academic Centre for Dentistry
Amsterdam (ACTA), University of
Amsterdam and Vrije Universiteit
Amsterdam, 1081 LA Amsterdam,
The Netherlands

**Dr. Guilherme Schmitt De
Andrade**

Department of Dentistry, Center
for Biological and Health
Sciences, Western Paraná State
University (Unioeste), Cascavel
85819-110, Brazil

**Dr. Alexandre Luiz Souto
Borges**

Institute of Science and
Technology, São Paulo State
University-UNESP, São José dos
Campos 12220-000, Brazil

Deadline for manuscript
submissions:

closed (28 February 2023)



Message from the Guest Editors

Dear Colleagues,

In former times, the assessment of biomaterials' restorative mechanical properties was used to predict procedures' clinical success based on a purely quantitative ranking, without considering the complexity of the oral environment and individual characteristics. Nowadays, these mechanical properties are often required to characterize a new material and to understand how it should be implemented in traditional, established materials.

This Special Issue invites you to disseminate your findings on the following themes:

- Assessment of indirect restorations;
- Stress generated during chewing loading;
- Reliability and clinical performance of direct and indirect prosthetic materials;
- Long-term simulations showing the failure origin and fracture features of failed dental treatments;
- Evaluation of mechanical response using biomechanical tools in the maxillofacial complex;
- Procedures to improve the restorations' longevity and improve patient life quality.

Dr. Joao Paulo Tribst

Dr. Guilherme Schmitt De Andrade

Dr. Alexandre Luiz Souto Borges

Guest Editors



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giuseppina Campisi

Department of Rehabilitation,
Fragility and Continuity of Care,
Unit of Oral Medicine, University
Hospital Palermo, 90127
Palermo, Italy

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

Author Benefits

Open Access: free for readers, with **article processing charges (APC)** paid by authors or their institutions.

High Visibility: indexed within **ESCI (Web of Science)**, **Scopus** and **other databases**.

Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 23.7 days after submission; acceptance to publication is undertaken in 6.9 days (median values for papers published in this journal in the second half of 2025).

Contact Us

Oral/Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/oral
oral@mdpi.com
[X@Oral_MDPI](https://twitter.com/Oral_MDPI)