

## Special Issue

# Biomechanics Studies in Dentistry

### Message from the Guest Editors

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.

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### Guest Editors

Dr. Joao Paulo Tribst

Dr. Guilherme Schmitt De Andrade

Dr. Alexandre Luiz Souto Borges

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### Deadline for manuscript submissions

closed (28 February 2023)



## 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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