Special Issue

New Materials and Techniques in Restorative Dentistry

Message from the Guest Editors

Nowadays, the evolution of materials and technologies that are constantly added to the therapeutic options can create confusion among dental practitioners. In order to make an appropriate selection for each clinical case, extensive research is needed, especially in the form of clinical studies that can provide accurate data for improving the longevity of restorations fabricated with different digital technologies and materials. This Special Issue aims to focus on *in vivo* and *in vitro* studies of digitally manufactured and minimally invasive tooth restorations. The main advantages of the digital workflow to create minimally invasive restorations include higher efficiency and accuracy, simplified protocols, and reduced manufacturing time. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Intraoral scanning, strategy, and accuracy;
- Minimal invasive restorations (direct and indirect);
- CAD/CAM ceramic properties and advantages;
- 3D-printed materials.

Guest Editors

Prof. Dr. Anca Jivănescu

Department of Prosthodontics, Faculty of Dental Medicine, University of Medicine and Pharmacy "Victor Babeș" Timișoara, 300070 Timișoara, Romania

Prof. Dr. Diana Dudea

Department of Prosthodontics and Dental Materials, University of Medicine and Pharmacy "Iuliu Hatieganu", 400006 Cluj-Napoca, Romania

Deadline for manuscript submissions

closed (20 April 2025)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/190344

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

mdpi.com/journal/applsci

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/journal/applsci

MDPI

About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)