Special Issue

Advanced Technologies in Restorative Dentistry

Message from the Guest Editors

This Special Issue will delve into the latest technological frontiers revolutionizing restorative dentistry, covering the entire spectrum from diagnosis to treatment. It will explore the powerful applications of artificial intelligence in optimizing diagnosis, developing precise treatment plans, and predicting long-term outcomes.

A key focus will be on the advancements in bioactive dental materials, highlighting their improvements in durability, esthetics, biocompatibility, and interaction with oral tissues. The transformative impact of 3D printing will be analyzed in depth, both in the fabrication of customized restorations with superior fit and function and in its various applications within restorative techniques.

Digital dentistry will form a central pillar, examining the comprehensive digitalization of the workflow through intraoral scanners, computer-aided design with CAD/CAM software, and its seamless integration with milling systems to produce high-precision restorations.

Finally, this Special Issue will not overlook the significant advancements in minimally invasive analog techniques, demonstrating that innovation is not limited to the digital realm.

Guest Editors

Dr. Cristian Bersezio
Prof. Dr. Eduardo Fernández
Dr. Javier Martín

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

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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

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