

Special Issue

Applied Biomaterials in Oral Surgery and Personalized Dentistry

Message from the Guest Editor

The development of new biocompatible materials and/or existing material composition and progressing techniques is expected to broaden the diversity of applications of biomaterials in the dentistry field in the coming years. The progress in materials research clearly requires an improved understanding in multiple disciplines, as well as the development of new design methodologies in order to obtain better properties in biologic performance and better biocompatibility. The objectives of all these biomaterials and technologies are not only to replace missing or damaged tooth tissues but now also to promote tissue regeneration and protect healthy tooth tissue.

We especially welcome interventional studies aiming at improving the knowledge of the imaging functional biomaterials and technologies in dentistry. Review studies including those that use conceptual frameworks on any of the aforementioned topics will also be welcomed.

Guest Editor

Prof. Dr. Gaetano Isola

Department of General Surgery and Surgical-Medical Specialties,
University of Catania, Catania, Italy

Deadline for manuscript submissions

closed (20 May 2021)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/48440

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

[mdpi.com/journal/
appls](https://mdpi.com/journal/appls)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



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)