

Special Issue

Applied Biomaterials for Dental Implantology: Research and Applications—2nd Edition

Message from the Guest Editors

The ongoing development of new technologies has, together with novel biomaterials and modified implant surfaces, been rewriting conceptions of success in rehabilitation in dentistry. Enhancing implant stability over time with innovative biomaterials, in combination with more hydrophilic surfaces, has come to represent a valid solution to setting hard and soft peri-implant tissues, from single teeth to complete arches. These new biomaterials for bone and soft tissue regeneration, together with digital solutions in implant dentistry, have set new benchmarks in regenerative dentistry.

- computer-guided surgery
- navigation surgery
- robotic surgery
- digital implantology
- bone regeneration
- soft tissue augmentation

Guest Editors

Dr. Paolo Carosi

Department of Chemical Science and Technologies, University of Rome "Tor Vergata", 00033 Rome, Italy

Dr. Claudia Lorenzi

Department of Chemical Science and Technologies, University of Rome Tor Vergata, 00133 Rome, Italy

Deadline for manuscript submissions

31 October 2026



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 6.1



mdpi.com/si/276880

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

mdpi.com/journal/

[applsci](https://doi.org/10.3390/applsci)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 6.1



[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, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (Fluid Flow and Transfer Processes)