Special Issue

Implant Dentistry: Advanced Materials, Methods and Technologies

Message from the Guest Editor

Implant dentistry stands at the forefront of modern dental practice, offering transformative solutions for patients around the world. In this Special Issue, we aim to showcase the latest advancements in materials science, novel methodologies, and technological innovations that propel the field forward. Potential topics include, but are not limited to, the following:

- Novel biomaterials in implant dentistry and bone regeneration;
- Advanced surface modifications for enhanced osseointegration;
- Digital dentistry applications in implantology;
- Regenerative techniques for peri-implant tissue augmentation;
- Clinical, in vivo, and in vitro studies and outcome assessments of implant procedures;
- Patient-specific treatment planning and customized implant solutions;
- Emerging trends and future directions in implant dentistry.

We cordially invite you to submit your original research, review articles, or case studies for consideration in this Special Issue. Your valuable contributions will enrich the discourse surrounding implant dentistry and pave the way for future innovations in patient care.

Guest Editor

Dr. Alexandru Mester

Department of Oral Health, University of Medicine and Pharmacy "Iuliu Hatieganu", 400012 Cluj-Napoca, Romania

Deadline for manuscript submissions

20 February 2026

Applied Sciences

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)