Special Issue

Properties and Applications of Oral Implant Biomaterials

Message from the Guest Editors

We are pleased to invite you to contribute to our Special Issue on "Properties and Applications of Oral Implant Biomaterials". The development and refinement of biomaterials for oral implants are crucial for advancing dental treatments and enhancing patient outcomes. This field focuses on creating materials that not only integrate seamlessly with oral tissues but also withstand the mechanical demands of the oral environment. This Special Issue aims to present the latest research and advancements in the properties, fabrication techniques, and applications of biomaterials used in oral implantology. The scope of this Special Issue includes studies on biocompatibility, mechanical strength, surface modifications, and bioactivity of various materials tailored for oral implants. We welcome submissions that provide insights into innovative materials, advanced processing methods, and clinical performance evaluations. We look forward to receiving your contributions.

Guest Editors

Dr. Luca Lamazza

Dr. Alberto De Biase

Dr. Marco Lollobrigida

Deadline for manuscript submissions

20 September 2025



an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/213542

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

mdpi.com/journal/materials





an Open Access Journal by MDPI

Impact Factor 3.2 CiteScore 6.4 Indexed in PubMed





About the Journal

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. Materials provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

 Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
 Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Metallurgy and Metallurgical Engineering) / CiteScore - Q1 (Condensed Matter Physics)