Special Issue

Materials in Implant Dentistry and Regenerative Medicine Volume II

Message from the Guest Editor

The introduction of new materials in implant dentistry and regenerative medicine has contributed to the development of this field of health sciences. Today, the use of dental implants is a common treatment of totally and partially edentulous patients. The characterization of the macroscopic design and microscopic surface of dental implants has improved the biologic mechanisms of osseointegration. Assessing biomechanical behavior and the functional responses of components of prosthetic dental implants is very important for the long-term clinical success. Moreover, the experimental research and the clinical applications of materials in regenerative dentistry, such as bone grafts and substitutes (i.e., xenografts, alografts, aloplastic), have increased the healing of hard and soft tissues after surgery of bone defects and have reduced the treatment times of patients. I invite you to submit research papers and systemic reviews within the scope of this Special Issue. Original contributions can range from having a scientific basis to experimental studies and clinical applications of materials in implant dentistry and regenerative medicine.

Guest Editor

Prof. Dr. Eugenio Velasco-Ortega
Facultad de Odontología, Universidad de Sevilla, Avicena s/n, 41009 Seville, Spain

Deadline for manuscript submissions

closed (10 April 2023)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.0
Indexed in PubMed

mdpi.com/si/100210

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

mdpi.com/journal/materials

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.0
Indexed in PubMed

mdpi.com/journal/materials

About the Journal

Message from the Editorial Board

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.

Editors-in-Chief

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

Prof. Dr. Yuguang Ma
State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

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)