# Special Issue

# Dental Implants: Materials and Design

# Message from the Guest Editor

The application of the new technologies in the field of dental implantology, the use of new instruments and the development of new materials, or improving the micro and macro characteristics of widely used materials, have led us to new standards of success, the reduction of complications, and improvement in the well-being of patients. Bone and soft tissue managing, ideal threedimensional implant positioning, and high compliance of supportive peri-implant maintenance therapy have been revealed to be key factors to achieve dental implant long-term success. Furthermore, new scientific evidence concerning implants of reduced dimensions, new paradigms about immediate implant loading protocols with aesthetic patient demand challenges, in combination with advancements in digital technology and the penetration of telemedicine in dental implantology to overcome certain limitations of conventional treatments, opens up new scenarios to improve the long-term good prognosis of dental implant treatments and enhance final patient satisfaction.

### **Guest Editor**

Prof. Dr. Jordi Gargallo

Oral and Maxillofacial Surgery Department, UIC Barcelona-Universitat Internacional de Catalunya, 08017 Barcelona, Spain

# Deadline for manuscript submissions

closed (20 November 2022)



an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/50677

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)