

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, allografts, alografts), 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

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Deadline for manuscript submissions

closed (10 April 2023)



Materials

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CiteScore 5.8
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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.

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