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 three-dimensional 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

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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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