Special Issue

Advanced Ceramics and Implants for Dentistry

Message from the Guest Editor

The interest in ceramic implants has been renewed, presenting an important and wide research goal. Nowadays, certain advanced ceramic materials make it possible to combine the versatility of titanium-based implantology and the biological benefits of traditional ceramic-based implants. These disruptive materials expand the boundaries of conventional ceramics in terms of mechanical properties, material engineering, surface topography, biological integration, aesthetics, microbial adhesion, and long-term success with regard to dental implants. The goal of this Special Issue is to provide an overview of the technical progress in advanced ceramics for dental implantology and preclinical and clinical evaluations of new ceramic dental implants designed to modernize implantology. All types of articles falling within the scope of the above research areas are welcome.

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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