Special Issue

Current Progress in Surface, Micromorphology and Mechanical Properties of Implants

Message from the Guest Editors

The surface topography, chemical–physical, and chemical properties of dental implants play a pivotal role in the healing process, speeding up final restorations and functional loading even in sites with poor bone quality and in patients with unbalanced health conditions. This Special Issue will address advances in surface micro-topography on cell responses, protein adsorption, and/or antimicrobial properties, focusing on the emerging concepts regarding the role of fixture macro-morphology and surface chemistry, topographical patterns at the micro- and nano-scale, and addressing fast and successful osseo- and soft tissue integration. Studies on surface micro- and micro-morphology, surface functionalization, and chemical and mechanical properties and their related effects on cells responses and on clinical outcomes are welcome.

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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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