Special Issue

Biomaterials and Biological Mediators for Periodontal and Bone Regeneration

Message from the Guest Editors

As a matter of fact, the treatment of periodontitis represents a relevant public health challenge, with significant socio-economic implications. A large part of such treatment aims to preserve periodontal and bone tissue over time, but in case of tissue loss due to the disease progression the ultimate and most desirable therapeutic goal remains the rebuilding of lost tissues with tissues that are structurally and functionally the same: in few words periodontal and bone regeneration. In this Special Issue on “Biomaterials and Biological Mediators for Periodontal and Bone Regeneration”, both pre-clinical and clinical studies are invited to be submitted, as well as narrative or systematic reviews, concerning the characterization of such biomaterials/biological mediators and their clinical applications for the regeneration of intraosseous periodontal defects and furcations, for soft tissue reconstruction (periodontal plastic surgery), for the preservation of post-extraction alveolar sockets and for the reconstruction of lateral and/or vertical bone defects before or contextually to dental implant placement for rehabilitative purposes.

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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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