Special Issue

Nanotechnology for Early Diagnosis and Improving Oral Health

Message from the Guest Editors

Nanotechnology, referring to the development or application of particles with dimensions in the nanometer range, revolutionized the biomedical and dental field by improving mechanical and physical properties of materials, introducing new diagnostic modalities and targeted drug nano-delivery systems, as well as preventing diseases, and, therefore, improving oral health. This Special Issue is focused on the use of nanotechnology and nanostructured materials in all fields of dentistry. Topics include, but are not limited to the following: Nanostructured dental materials with improved properties used in prosthodontics, restorative dentistry, and endodontics; Nanostructured materials in preventive dentistry; Application of nanotechnologies and nanomaterials in diagnosis; Improved nanostructures of dental implants surface for fast osseointegration and prevention of bone loss and preimplant disease; Nanostructured materials for topical treatment in periodontal disease; Nanostructured materials for regenerative dentistry; Nanomaterials safety: cytotoxicity, genotoxicity, and health hazards; Green nanotechnology and environmental sustainability.

Guest Editors

Prof. Dr. Corina Marilena Cristache

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Prof. Dr. Eugenia Eftimie Totu

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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