Special Issue

New Insights in Nanomaterials for Dental Diseases Management

Message from the Guest Editors

Nanotechnology is defined as the design, characterization and application of structures, devices and systems by controlling the shape and size at a nanometer scale (1 nm to 100 nm). It is an emerging field of research, with various applications in science and technology, particularly for developing new materials. Nanoparticles are developed with unique properties that make them desirable in material science and biology. In this Special Issue, we aim for research on all kinds of nanomaterials used for dental disease management. This can include diagnostic, preventive, or therapeutic ways to manage dental caries, periodontal diseases, dental cancer, mucosa disease, and so on. We welcome reviews, regular research papers, communications, and short notes that are relevant to this field.

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Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones
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