Special Issue

New Trends of Silver Nanoparticles in Biomedicine

Message from the Guest Editors

Silver-based nanosized and nanostructured materials play an essential role in modern biomedicine and biotechnology. Their versatile applicability relies on the intrinsic size- and morphology-related characteristics of nano-silver, which include tunable physicochemical, mechanical behavior, genuine optical, electric properties and excellent biological effects (antimicrobial and antitumor efficiency, antioxidant and anti-inflammatory activity). By covering a wide range of fundamental, experimental and industrial topics, we warmly invite members of academic and scientific communities to contribute within the Special Issue “New Trends of Silver Nanoparticles in Biomedicine” with original research papers, short communications and review articles. Latest and groundbreaking findings on silver-based nanosized materials developed for biomedicine and biotechnology are encouraged for submission

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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.

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