



Biomedical Applications of Metallic and Metal Oxide Nanoparticles

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Message from the Guest Editor

Dear Colleagues,

In the last few years, nanosized metallic and metal oxide nanoparticles have attracted a great deal of attention in the medical field due to their potential to improve treatments. The main purpose of this Special Issue is to present the current progress and the impacts of metallic and metal oxide nanoparticles in the biomedical field. Additionally, this Special Issue aims to present an up-to-date overview regarding the pros and cons of current biomedical applications of metallic and metal oxide nanoparticles. This Special Issue will highlight recent progress related to the utility of metallic and metal oxide nanoparticles in drug targeting and delivery, cancer treatment, medical imaging and diagnosis, cosmetics, nanobiosensors and other bioapplications.

Dr. Alexandru Mihai Grumezescu
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Message from the Editorial Board

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

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