



Nanomaterials for Medical Application (Second Volume)

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Many advances in the field of medicine are strongly correlated with the use of nanomaterials, making nanomedicine an important field of study. Nowadays, nanomaterials are exploited for many applications, such as diagnosis and treatment, as they are able to induce antimicrobial and antitumoral activity and hyperthermia, ensure targeted bioaccumulation and internalisation, act as a contact agent or a smart carrier of a wide range of biologically active agents, etc.

Manuscripts dealing with nanomaterials belonging to the following classes are especially welcome: metal and oxide nanoparticles, micro- and mesoporous materials, carbonaceous materials, and phosphates. Papers focused on composite materials designed and manufactured using modern additive manufacturing methods for tissue engineering are also welcome. Three-dimensional printing, electrospinning and electrospraying, atomic layer deposition (ALD), spin coating, matrix-assisted pulsed-laser evaporation (MAPLE), and pulsed-laser deposition (PLD) are only some of the processing techniques able to generate nanomaterials with 0D, 1D, 2D, or even 3D structures.





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Message from the Editor-in-Chief

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