



Functional Nanomaterials for Current and Prospective Medical Applications

Guest Editor:

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Message from the Guest Editor

Dear Colleagues

In recent years, nanomaterials have become increasingly important in the field of medicine. Their possible applications are numerous and include all aspects of diagnosis (biosensors, contrasts, etc.) and therapy (surgical materials, tissue engineering, drug delivery, PDT, gene delivery, etc.). Often enough, functionalization is necessary to adjust the properties of the nanomaterial to the needs of the application, whether it is covalent binding of biologically active moieties, or physical or chemical modifications allowing to provide material with the required polarity, surface charge, shape, or nanostructure.

This Special Issue is dedicated to advances in the field of nanomaterials (nanoparticles and nanocapsules, vesicles, including liposomes, and other nanostructured materials) functionalized in order to tailor their properties with the prospect of the medical application, even if their potential has not yet been fully tested in biological experiments. Studies on all types of nanomaterials (organic, inorganic, hybrid) are welcomed in the form of full papers, communications, and reviews.

Dr. Anna Karewicz

Guest Editor





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Message from the Editor-in-Chief

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