

Special Issue

Nanocomposites Synthesis, Functionalization and Applications for Medical Purposes

Message from the Guest Editors

Quite a few scientific areas have significantly benefited from the introduction of nanotechnology, and it is especially noteworthy in the development of new drug substances and products. Over the last few years, the application of nanotechnology for medical purposes has attracted great attention in the use of nanomaterials for the diagnosis, monitoring, control, prevention, and treatment of diseases. Their unique size-dependent properties make these materials superior and indispensable in addressing the growing demands of enhanced human life expectancy and quality of life. In addition, the combination of several components can not only coat the surface of nanoparticles in order to enhance their biocompatibility and stability but may also provide the substrate for functional nanoparticles growing on their surface to reach multifunction. This research topic intends to invite researchers to contribute studies on recent advances in nanocomposites for drug delivery, diagnosis, and the like, which enables a better understanding of the role of nanocomposites as a theranostic agent.

Guest Editors

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