



Multifunctional Nanoparticles for Biomedical Applications

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Deadline for manuscript submissions:

closed (28 March 2022)

Message from the Guest Editor

Great efforts have been made in order to develop new functional nanomaterials useful for bio-applications, such as diagnosis, therapy, drug delivery, tissue engineering, antimicrobial devices, etc. To reach this goal, nanoparticle surfaces can be opportunely tuned in order to improve their bio-compatibility and their performances in specific conditions and/or targets. The use of biocompatible, biodegradable natural or synthetic polymers together with the functionalization with specific ligands and/or biomolecules is an elegant manner to improve the targeted activity of nanoparticles.

The aim of this Special Issue is to publish high quality research papers focusing on the design and application of opportune and novel functional nanosystems for biomedical applications. A particular focus should be addressed, but not limited, to nanoparticles design, coating, and surface functionalization to improve their specific application in biomedicine.





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Message from the Editor-in-Chief

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