

Special Issue

Advanced Nanotherapeutics: Design, Synthesis and Applications—2nd Edition

Message from the Guest Editors

In recent years, nanotechnology has had a tremendous impact in the development of novel therapeutic strategies. In this context, nanomedicine is now an exponentially growing research field. Emerging at the nexus between medicine and nanotechnology, nanomedicine aims at the comprehensive monitoring, control, construction, repair, defence, and improvement of all human biological systems, using engineered nanodevices and new nanomaterials. An important feature shared among nanoparticles is their high surface-to-volume ratio, making them suitable drug nanocarriers.

Currently NPs are mostly used as nanocarriers; nevertheless, this paradigm is shifting as some NPs were found to also display intrinsic therapeutic action. Additionally, upon adequate targeting, NPs are a suitable platform for diagnostic work, allowing imaging at the nano level.

This Special Issue explores strategies in which nanotechnology plays a central role in medical care advances. Different submission types are welcome, such as original research papers, reviews.

Guest Editors

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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