

Special Issue

Application of Novel Polymeric Nanoparticles in Nanomedicine

Message from the Guest Editor

Micro/nanosized colloidal and polymeric particles have attracted interest due to their fascinating properties and large array of applications. The synthesis of these nano- and micro-particles has led to the development of new functional materials and drug carriers as well as various applications in coating, paint production, building industries, and microelectronics.

Nano-theranostics represents the next generation of medicine, fusing nanotechnology, therapeutics, and diagnostics. By integrating therapeutic and imaging agents into one nanoparticle, this new treatment strategy has the potential not only to detect and diagnose disease but also to treat and monitor the therapeutic response. This capability could have a profound impact in both the research and clinical settings.

This Special Issue on “Application of Novel Polymeric Nanoparticles in Nanomedicine” welcomes original research and reviews on this topic, ranging from novel synthetic routes to smart application in cancer theranostics and tissue engineering, as well as novel drug formulation for targeted drug delivery applications.

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th 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 multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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