

Special Issue

Recent Advances in Nanoparticle-Based Drug Delivery Systems for Cancer Targeted Therapy

Message from the Guest Editor

Nanoparticles, nanodrugs or drug-loaded nanoparticles with appropriate size, shape, and surface charges can be efficiently delivered to the tumor site and penetrate into tumor tissue through active transcytosis and passive mechanisms. Nanoparticle-laden living cells or bacteria also have great potential for cancer-targeted therapy. To capture recent developments in this interesting area of research, this Special Issue “Recent Advances in Nanoparticle-Based Drug Delivery Systems for Cancer-Targeted Therapy” invites papers on, but not limited to the following topics (for cancer-targeted therapy):

- Inorganic nanoparticles such as magnetic nanoparticles, noble metal nanoparticles, graphene-based nanoparticles, semiconductor quantum dots, upconversion nanoparticles, long-afterglow nanoparticles;
- Organic nanoparticles or organic/inorganic hybrid nanoparticles such as polymer nanoparticles, liposomes, cell membrane-coated nanoparticles, thylakoid membranes-coated nanoparticles;
- Nanoparticle-laden living cells;
- Nanoparticle-laden living bacteria;
- Carrier free self-assembly nanodrugs.

Guest Editor

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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