



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

Guest Editor:

Prof. Dr. Maoquan Chu

School of Life Sciences and
Technology, Tongji University,
Shanghai 200092, China

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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):

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





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Biomolecules Editorial Office
MDPI, Grosspeteranlage 5
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