

Special Issue

Drug Delivery Carriers for Anticancer Therapy

Message from the Guest Editor

Cancer continues to be a major cause of death globally, and the drawbacks of standard chemotherapy—such as unintended toxicity, low solubility, and resistance to multiple drugs—emphasize the pressing need for more effective treatment options. Drug delivery vehicles have become important tools for enhancing the therapeutic effectiveness of anticancer drugs by improving their pharmacokinetics, targeting of tumors, and cellular absorption. This Special Issue seeks to showcase recent developments in the creation, synthesis, and use of drug delivery systems—including nanoparticles, liposomes, polymeric micelles, dendrimers, and protein-based carriers—specifically designed for cancer treatment. We welcome original research and reviews addressing both preclinical and translational aspects of targeted delivery, controlled release, tumor microenvironment responsiveness, and combination therapies. Special attention will also be given to the role of delivery route, biodistribution, and imaging-guided theranostics in optimizing anticancer efficacy. I look forward to receiving your contributions.

Guest Editor

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