

Special Issue

Novel Anticancer Drug Delivery Systems

Message from the Guest Editors

Currently, the cancer treatment strategies include surgery, chemotherapy, and radiotherapy, and it is widely known that these therapies inhibit the growth also of normal cells and are associated with high toxicity. The area of cancer therapy is a highly dynamic field, and breakthrough advancements are being made to develop novel strategies. Several strategies, such as receptor-based targeting, intracellular drug targeting, stimuli-based drug release, magnetic drug targeting, ultrasound-mediated drug delivery, gene delivery, and cancer stem cell therapy, have added new dimensions to the treatment approaches. These strategies aid in the selective detection and killing of tumour cells with minimal side effects and may be useful to reduce the chances of multidrug resistance, thus improving the quality of life of patients. This Special Issue focuses on "Novel Anticancer Drug Delivery Systems" which could help solve issues related to side effects, high toxicities, and drug resistance of anticancer drugs. Articles concerning all aspects of novel anticancer drug delivery systems, especially, new materials, strategies, and synthetic approaches are welcome for this Special Issue.

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