



Novel Strategies to Improve the Therapeutic Effects of Natural Anticancer Compounds

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Message from the Guest Editors

The discovery of cytostatic properties of Vinca alkaloids, taxanes, epipodophyllotoxins, and camptothecin derivatives has revolutionized therapeutic approaches for cancer. Today, in spite of significant advances in cancer therapy related to the application of monoclonal antibodies and specific kinase inhibitors, natural antimetabolic inhibitors remain one of the most widely used drugs in oncology. Thus, new approaches to enhance the bioavailability of natural compounds are needed. Various delivery systems, including liposomes, nanocarriers or biopolymers provide several advantages over traditional formulations. Authors are invited to submit papers focused on new strategies for the delivery of natural anticancer compounds contributing to increased anticancer therapy outcomes and decreased side effects. natural bioactive compounds
natural anticancer compounds
plant extracts
pharmaceutical vehicles
bioavailability
biomaterials
nanotechnology
biopolymers
drug release
drug delivery systems
in vitro study
in vivo study





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