

Special Issue

Anticancer Agent: Challenges and Prospects

Message from the Guest Editor

For the past six decades, various approaches for targeting antitumor agents selectively to cancer in vivo have been extensively investigated. For instance, actively targeted drugs and drug delivery systems focus on specific receptors, kinases or other growth factors of tumor cells at a molecular level and these systems are receiving more attention than ever. However, recent clinical results showed that the therapeutic outcomes of such strategies are not as successful as had been expected. Because molecular genomics in cancer cells now reveals numerous molecular mutations even in a single patient tumor. The current report said cancer chemotherapies including recent immunotherapy for solid tumors produced outcome failure rates of 90% (± 5) according to governmental agencies and industry. Under these situations, it is a rational direction to look for more universal characteristics of tumors enabling more effective tumor drug targeting. I strongly believe this special issue, "Anticancer Agent: Challenges and Prospects" will play a critical role in the development of successful anticancer therapy. I highly appreciate your cheerful contribution to this special issue.

Guest Editor

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