

Special Issue

Recent Discovery and Mechanisms of Potential Anticancer Drugs

Message from the Guest Editors

Despite huge progress in cancer treatment, this disease continues to be a global problem and challenge for scientists to improve the success of the therapy. In addition to the classical cytostatic compounds, a number of new molecules were developed as drugs for precision medicine that targeted selectively cancer cells: antibodies, antibody–drug conjugates, nuclear receptor modulators, cancer protein inhibitors, etc. Nanoparticles, loaded with anticancer antibodies, protein inhibitors or cytostatic compounds, offer alternative approaches to increase the efficiency of bioactive molecules and reduce the toxicity of poorly water-soluble chemotherapeutic compounds. This Special Issue is devoted to the discovery of new anticancer drugs along with elucidation of their mechanisms of activity. The identification of new natural or synthetic molecules, including cytostatic compounds, nuclear receptor or oncoprotein modulators, antibodies, etc., with the study of their cancer inhibition mechanisms and drug–protein interactions can contribute to the present Special Issue. Nanotechnology-based new drug delivery systems that target cancer cells are also of interest.

Guest Editors

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