

Special Issue

Editorial Board Members' Collection Series: Targeted Delivery of Anticancer Agents Engaging Cell Specific Mechanisms

Message from the Guest Editors

The aim of anticancer therapy is to kill tumor cells with minimal harm to non-tumor cells. Cell determinants located on the surface of tumor cells can be used for specific recognition of these cells in cases where these determinants differ qualitatively or quantitatively from those of non-tumor cells. Transport machinery of tumor cells is also often exploited for the purposes of internalization of anticancer agents and/or for their delivery to specific subcellular structures and macromolecules. This Special Issue is devoted to the newest achievements in the field of engagement of cell mechanisms for tumor-specific delivery of anticancer agents and aims to consider targeted delivery of toxic agents with the help of antibodies/antibody mimetics or ligands to specific tumor cell receptors, non-toxic agents metabolized in tumor cells into toxic agents, as well as targeted delivery utilizing cell transport systems, cell metabolism, DNA repair systems, and defective vasculature of tumors. We look forward to receiving your contributions.

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