

Special Issue

Promising Small Molecule Compounds in Cancer Treatment

Message from the Guest Editors

We are pleased to invite you to submit original scientific articles, review papers, or communications for a Special Issue of *Pharmaceutics* devoted to researching new small-molecule substances with anticancer activity. The basis of cancer chemotherapy involves small-molecule cytostatics. These compounds are characterized by their ability to freely penetrate the lipid bilayer, and their solubility in water allows them to move around the body. Currently used cytostatics do not work selectively and also cause damage to normal cells. Their low selectivity and narrow therapeutic index determine high toxicity and lead to numerous side effects. Actions are constantly needed to improve the therapeutic index of the cytostatics used, *inter alia*, by interfering with the chemical structure of drugs. Research is also being conducted for new and developing derivatives with better pharmacokinetic properties and preparations, including the slow release of active substances.

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