Targeting cytochrome P450 enzymes: a new approach in anti-cancer drug development.
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Abstract | Cytochrome P450s (CYPs) represent a large class of heme-containing enzymes that catalyze the metabolism of multitudes of xenobiotics and endogenous molecules. These metabolic reactions play a central role in drug efficacy and toxicity, as well as mediating the development of resistance to cancer therapies. In this review, we present an updated analysis of strategies in drug development that either inhibit or exploit CYP enzymes for the treatment of cancer.
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