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Advanced Research in Tumor Suppressor

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Message from the Guest Editor

Chemotherapy is a cytotoxicity reagent that targets DNA or microtubules commonly present in cells. Thus, it has an effect on anticancer activity but also causes side effects such as damage to normal cells. With the identification of the molecular biological character of cancer, targeted therapy that works for specific cancer cells has been developed and received increasing attention. From a molecular and cellular change level, this can minimize side effects because it selectively attacks cancer cells without damaging normal cells. Targeted therapy drugs have been developed that target molecules commonly present in cancer cells, and many studies have reported fewer and less frequent side effects using targeted therapy than current therapy. Moreover, when used in combination with current chemotherapy, the survival rate has been found to be increased. Those studies are particularly encouraging; nevertheless, although targeted therapy has potent effects, there are still several issues that must be resolved. Thus, the mechanism of resistance and increase in drug sensitivity must be identified by studying the target to repress cancer.

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Message from the Editor-in-Chief

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