Molecular Cancer Therapeutics

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Highlights of This Issue 1391

REVIEW

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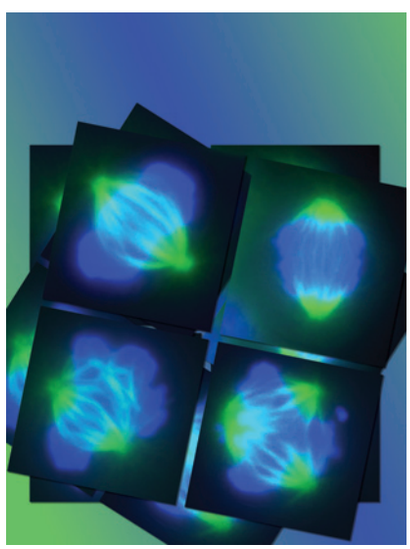
ABOUT THE COVER

NDC80/Hec1 is a key component of the kinetochore complex and is overexpressed in a variety of human cancers, making it an attractive molecular target for cancer. Cells defective in Hec1 show chromosomal and spindle abnormalities, which eventually lead to apoptotic cell death. A novel pharmacokinetically improved Hec1-targeted compound, TAI-95, was characterized using immunofluorescence. Treatment of cancer cells with TAI-95 lead to the formation of multipolar spindles, which disrupts the normal mitotic process and leads to cell death. For details, see article by Huang and colleagues on page 1419.



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