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2859 I-387, a Novel Antimitotic Indole, Displays a Potent In vitro and In vivo Antitumor Activity with Less Neurotoxicity
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2869 The Synthetic Caged Garcinia Xanthone Cluvenone Induces Cell Stress and Apoptosis and Has Immune Modulatory Activity
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2879 Cucurbitacin I Suppressed Stem-Like Property and Enhanced Radiation-Induced Apoptosis in Head and Neck Squamous Carcinoma-Derived CD44+ALDH1+ Cells
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2893 PUMA Induction by FoxO3a Mediates the Anticancer Activities of the Broad-Range Kinase Inhibitor UCN-01
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2903 Adamantyl-Substituted Retinoid-Related Molecules Induce Apoptosis in Human Acute Myelogenous Leukemia Cells

2914 Paclitaxel-Dependent Cell Lines Reveal a Novel Drug Activity
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2924 Reovirus Virotherapy Overrides Tumor Antigen Presentation Evasion and Promotes Protective Antitumor Immunity
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2934 A Novel Human Dynactin-Associated Protein, dynAP, Promotes Activation of Akt, and Ergosterol-Related Compounds Induce dynAP-Dependent Apoptosis of Human Cancer Cells
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2943 A MicroRNA Screen to Identify Modulators of Sensitivity to BCL2 Inhibitor ABT-263 (Navitoclax)
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2951 Knockdown of Inwardly Rectifying Potassium Channel Kir2.2 Suppresses Tumorigenesis by Inducing Reactive Oxygen Species–Mediated Cellular Senescence
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2960 Antitumor Effect of Temsirolimus against Oral Squamous Cell Carcinoma Associated with Bone Destruction
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2970 Expression and Silencing of the Microtubule-Associated Protein Tau in Breast Cancer Cells
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Nanaomycin A Selectively Inhibits DNMT3B and Reactivates Silenced Tumor Suppressor Genes in Human Cancer Cells
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Hyaluronan Inhibits Postchemotherapy Tumor Regrowth in a Colon Carcinoma Xenograft Model

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Ascofuranone: A Possible Therapeutic Tool for Autosomal Dominant Polycystic Kidney Disease? – Letter
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Therapeutic Possibility of Ascofuranone for Autosomal Dominant Polycystic Kidney Disease – Response
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ABOUT THE COVER

Paclitaxel-dependent mutant Tax 11-6 has a mutation in α-tubulin that disrupts microtubule assembly, prevents cytokinesis, and leads to cells that are large and multinucleated. Live cell imaging showed that the disrupted cytoskeleton arose from an increased frequency of microtubule detachment from centrosomes and spindle poles. The presence of paclitaxel prevented microtubule detachment and allowed proliferation as normal diploid cells. For details, see the article by Ganguly and colleagues on page 2914.