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1679 Targeting Multiple Key Signaling Pathways in Melanoma Using Leelamine

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- 1848** **Evaluation of Apoptosis Induction by Concomitant Inhibition of MEK, mTOR, and Bcl-2 in Human Acute Myelogenous Leukemia Cells**
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- 1860** **Inhibition of SIRT1 Signaling Sensitizes the Antitumor Activity of Silybin against Human Lung Adenocarcinoma Cells *In Vitro* and *In Vivo***
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- 1873** **Activation of Liver X Receptors Inhibits Hedgehog Signaling, Clonogenic Growth, and Self-Renewal in Multiple Myeloma**
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- 1882** **Preferential Estrogen Receptor β Ligands Reduce Bcl-2 Expression in Hormone-Resistant Breast Cancer Cells to Increase Autophagy**
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- 1894** **Phosphoproteomics of MAPK Inhibition in BRAF-Mutated Cells and a Role for the Lethal Synergism of Dual BRAF and CK2 Inhibition**
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- 1907** **BET Bromodomain Inhibitors Block Growth of Pancreatic Cancer Cells in Three-Dimensional Collagen**
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- 1918** **A Meta-analysis of Somatic Mutations from Next Generation Sequencing of 241 Melanomas: A Road Map for the Study of Genes with Potential Clinical Relevance**
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- 1929** **Computational Repositioning and Preclinical Validation of Pentamidine for Renal Cell Cancer**
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- 1942** **MicroRNA-26b Represses Colon Cancer Cell Proliferation by Inhibiting Lymphoid Enhancer Factor 1 Expression**
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1952 Regulation of SRC Kinases by microRNA-3607 Located in a Frequently Deleted Locus in Prostate Cancer

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MODELS AND TECHNOLOGIES

1964 A Pragmatic Definition of Therapeutic Synergy Suitable for Clinically Relevant *In Vitro* Multicomponent Analyses

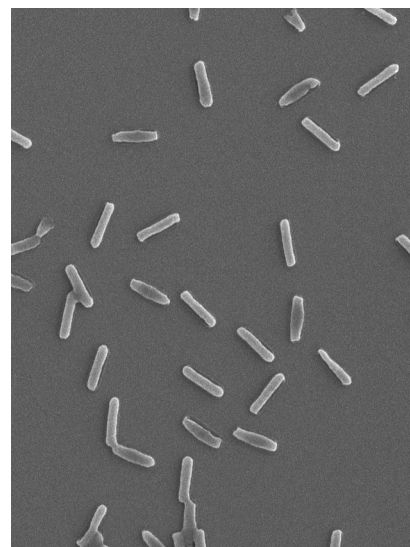
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ABOUT THE COVER

Particle replication in nonwetting templates (PRINT) is a novel soft lithography process developed to fabricate nanotherapeutics. PRINT nanoparticles improve plasma exposure and increase tumor accumulation of the encapsulated therapeutic. Metronomic delivery of PLGA-PRINT-docetaxel nanoparticles combined with systemic EZH2 siRNA delivery using chitosan nanoparticles resulted in robust antitumor effects in ovarian cancer mouse models. For details, see the article by Gharpure and colleagues on page 1750.



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