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Keith D. Tardif, Aaron Rogers, Jared Cassiano, Bruce L. Roth, Daniel M. Cimbora, Rena McKinnon, Ashley Peterson, Thomas B. Douce, Rosann Robinson, Irene Dorweiler, Thaylon Davis, Mark A. Hess, Kirill Ostanin, Damon I. Papac, Vijay Baichwal, Ian McAlexander, J. Adam Willardsen, Michael Saunders, Hoarau Christophe, D. Vijay Kumar, Daniel A. Wettstein, Robert O. Carlson, and Brandi L. Williams

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The Clinically Active PARP Inhibitor AG014699 Ameliorates Cardiotoxicity but Does Not Enhance the Efficacy of Doxorubicin, despite Improving Tumor Perfusion and Radiation Response in Mice

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The Bcl-2/Bcl-XL/Bcl-w Inhibitor, Navitoclax, Enhances the Activity of Chemotherapeutic Agents In Vitro and In Vivo

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Vitamin E δ-Tocotrienol Augments the Antitumor Activity of Gemcitabine and Suppresses Constitutive NF-κB Activation in Pancreatic Cancer
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The Novel Bcl-2 Inhibitor ABT-737 Is More Effective in Hypoxia and Is Able to Reverse Hypoxia-Induced Drug Resistance in Neuroblastoma Cells
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The NEDD8-Activating Enzyme Inhibitor, MLN4924, Cooperates with TRAIL to Augment Apoptosis through Facilitating c-FLIP Degradation in Head and Neck Cancer Cells
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GDC-0980 Is a Novel Class I PI3K/mTOR Kinase Inhibitor with Robust Activity in Cancer Models Driven by the PI3K Pathway
Jeffrey J. Wallin, Kyle A. Edgar, Jane Guan, Megan Berry, Wei Wei Prior, Leslie Lee, John D. Lesnick, Cristina Lewis, Jim Nonomiya, Wei Wei Prior, Jane Guan, and Jodie Pang

MOLECULAR MEDICINE IN PRACTICE
Akt/mTOR Counteract the Antitumor Activities of Cixutumumab, an Anti-Insulin-like Growth Factor I Receptor Monoclonal Antibody

Dong Hoon Shin, Hye-Young Min, Adel K. El-Naggar, Scott M. Lippman, Bonnie Glisson, and Ho-Young Lee

ABOUT THE COVER

Human lung microvascular cells cocultured with human diploid fibroblasts form extensive networks of tubules in response to VEGF that can be visualized by immunostaining for CD31, an endothelial cell marker. In the presence of cabozantinib (XL184), a small-molecule kinase inhibitor with potent activity toward MET and VEGF receptor 2, it was found that tubule formation was inhibited in the absence of cytotoxicity. Similarly, cabozantinib inhibited tubule formation in response to conditioned media derived from tumor cell cultures, suggesting that secreted tumor cell-derived proangiogenic growth factors are unable to circumvent inhibition of tubule formation by cabozantinib. For details, see article by Yakes and colleagues on page 2298.
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