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Modulation of Protein Phosphatase 2A Activity Alters Androgen-Independent Growth of Prostate Cancer Cells: Therapeutic Implications
Arun Bhardwaj, Seema Singh, Sanjeev K. Srivastava, Richard E. Honkanen, Eddie Reed, and Ajay P. Singh

CCN1, a Candidate Target for Zoledronic Acid Treatment in Breast Cancer
Ingrid Espinoza, Hong Liu, Robert Busby, and Ruth Lupu

A YKL-40–Neutralizing Antibody Blocks Tumor Angiogenesis and Progression: A Potential Therapeutic Agent in Cancers
Michael Faibish, Ralph Francescone, Brooke Bentley, Wei Yan, and Rong Shao

Evaluating the Consistency of Differential Expression of MicroRNA Detected in Human Cancers
Xue Gong, Ruihong Wu, Hongwei Wang, Xinwu Guo, Dong Wang, Yunyan Gu, Yuannv Zhang, Wenyuan Zhao, Lixin Cheng, Chenguang Wang, and Zheng Guo

Enhanced Chemotherapy of Cancer Using pH-Sensitive Mesoporous Silica Nanoparticles to Antagonize P-Glycoprotein–Mediated Drug Resistance
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An Antibody Targeted to VEGFR-2 Ig Domains 4-7 Inhibits VEGFR-2 Activation and VEGFR-2–Dependent Angiogenesis without Affecting Ligand Binding

Determinants of Mitotic Catastrophe on Abrogation of the G2 DNA Damage Checkpoint by UCN-01
Kin Fan On, Yue Chen, Hoi Tang Ma, Jeremy P.H. Chow, and Randy Y.C. Poon

(--)-Gossypol Suppresses the Growth of Human Prostate Cancer Xenografts via Modulating VEGF Signaling–Mediated Angiogenesis
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Dependence on the MUC1-C Oncoprotein in Non–Small Cell Lung Cancer Cells
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Antitumor Activity of the Hsp90 Inhibitor IPI-504 in HER2-Positive Trastuzumab-Resistant Breast Cancer
Maurizio Scaltriti, Violeta Serra, Emmanuel Normant, Marta Guzman, Olga Rodriguez, Alice R. Lim, Kelly L. Sicom, Kip A. West, Varenka Rodriguez, Ludmila Prudkin, José Jimenez, Claudia Aura, and José Baselga

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ABOUT THE COVER

Migration of hepatocellular carcinoma (HCC) cells that have undergone epithelial to mesenchymal transition (EMT). The 3sp cells transdifferentiated from malignant hepatocytes in the HCC patient via EMT show a migratory potential as determined by Platypus technology that can be modulated by pharmacological interference. Migrating cells are visualized by staining with CellTracker. For details, see article by van Zijl and colleagues on page 850.