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1024 Insight into the Etiology of Undifferentiated Soft Tissue Sarcomas from a Novel Mouse Model
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1036 Establishment and Characterization of Four Novel Thyroid Cancer Cell Lines and PDX Models Expressing the RET/PTC1 Rearrangement, BRAFV600E, or RASQ61R as Drivers
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1049 Therapeutic Targeting of CD146/MCAM Reduces Bone Metastasis in Prostate Cancer
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1102 An Integrated Stress Response Agent that Modulates DR5-Dependent TRAIL Synergy Reduces Patient-Derived Glioma Stem Cell Viability
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1115 Multiple Defects Sensitize p53-Deficient Head and Neck Cancer Cells to the WEE1 Kinase Inhibition
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1129 The SIAH1–HIPK2–p53/ser46 Damage Response Pathway is Involved in Temozolomide-Induced Glioblastoma Cell Death
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1142 Plasminogen Activator Inhibitor 1 (PAI1) Promotes Actin Cytoskeleton Reorganization and Glycolytic Metabolism in Triple-Negative Breast Cancer

1155 Molecular Characterization of Prostate Cancer with Associated Gleason Score Using Mass Spectrometry Imaging
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Desmoglein 1 Regulates Invadopodia by Suppressing EGFR/Erk Signaling in an Erbin-Dependent Manner
Alejandra Valenzuela-Iglesias, Hope E. Burks, Christopher R. Arnette, Amulya Yalamanchili, Oxana Nekrasova, Lisa M. Godel, and Kathleen J. Green

Desmoglein 1 Regulates Invadopodia by Suppressing EGFR/Erk Signaling in an Erbin-Dependent Manner

Dual Targeting of EGFR and IGF1R in the TNFAIP8 Knockdown Non–Small Cell Lung Cancer Cells
Timothy F. Day, Bhaskar V.S. Kallakury, Jeffrey S. Ross, Olga Voronel, Shantiashri Vaidya, Christine E. Sheehan, and Usha N. Kasid

Hypoxia-Associated Factor (HAF) Mediates Neurofibromin Ubiquitination and Degradation Leading to Ras–ERK Pathway Activation in Hypoxia
Yangsook Song Green, Timothy Sargis, Ethan Conrad Reichert, Eleanor Rudasi, Daniel Fuji, Eric Jonasch, and Mei Yee Koh

ABOUT THE COVER
Metabolic alterations underlie major changes in tumor cell biology, including increased cell migration and metastasis. The cover image shows fluorescence microscopy of a PAI1-expressing orthotopic xenograft tumor (green) and the collagen matrix (gray) at its invasive front. PAI1 expression increased glycolysis and promoted collagen fiber alignment, both of which are associated with increased cell migration. Taken together, the data suggest that targeting cancer metabolic pathways may be an avenue to reduce metastatic spread. See the article by Humphries and colleagues (beginning on page 1142) for more information.