Highlights of This Issue 837

**MCR Rapid IMPACT**

839 Targeted Therapy for EBV-Associated B-cell Neoplasms
Siddhartha Ganguly, Sudhakiranmayi Kuravi, Satyanarayana Alleboina, Giridhar Mudduluru, Roy A. Jensen, Joseph P. McGuirk, and Ramesh Balusu

**CANCER GENES AND NETWORKS**

845 Epigenetic Suppression of SERPINB1 Promotes Inflammation-Mediated Prostate Cancer Progression
Irina Lerman, Xiaoting Ma, Christina Seger, Aerek Maolake, María de la Luz García-Hernández, Javier Rangel-Moreno, Jessica Ackerman, Kent L. Nastiuk, Martha Suriñach, and Stephen R. Hammers

860 Identification of Genes Regulating Breast Cancer Dormancy in 3D Bone Endosteal Niche Cultures
Julie McGrath, Louis Panzica, Ryan Ransoms, Henry G. Witthers, and Irwin H. Gelman

870 SPHK1 Is a Novel Target of Metformin in Ovarian Cancer
Peter C. Hart, Tatsuyuki Chiyoda, Xiaoqjing Liu, Melanie Weigert, Marion Curtis, Chun-Yi Chiang, Rachel Loth, Ricardo Lastra, Stephanie M. McGregor, Jason W. Locasale, Ernst Lengyel, and Iris L. Romero

882 Serine Threonine Kinase 17A Maintains the Epithelial State in Colorectal Cancer Cells
Sarah P. Short, Joshua J. Thompson, Anthony J. Bilotta, Xi Chen, Frank L. Revetta, M. Kay Washington, and Christopher S. Williams

**CELL FATE DECISIONS**

907 Unraveling the Cellular Mechanism of Assembling Cholesterol for Selective Cancer Cell Death
Huaimin Wang, Zhaoqianqi Feng, Cuichong Yang, Jinjian Liu, Jamie E. Medina, S. Ali Aghvami, Daniela M. Dinulescu, Jianfeng Liu, Seth Fraden, and Bing Xu

918 Estrogen-Induced Apoptosis in Breast Cancers Is Phenocopied by Blocking Dephosphorylation of Eukaryotic Initiation Factor 2 Alpha (eIF2α) Protein
Surojjeet Sengupta, Catherine M. Sevigny, Poulomi Bhattacharya, V. Craig Jordan, and Robert Clarke

929 Ezrin Promotes Stem Cell Properties in Pancreatic Ductal Adenocarcinoma

**GENOME MAINTENANCE**

937 Radiation-Induced Malignant Transformation of Preneoplastic and Normal Breast Primary Epithelial Cells
Joan Repullés, Teresa Anglada, David Soler, Juan Carlos Ramírez, Anna Genescà, and Mariona Terradas

**METABOLISM**

949 Extracellular Fatty Acids Are the Major Contributor to Lipid Synthesis in Prostate Cancer
SIGNAL TRANSDUCTION AND FUNCTIONAL IMAGING

963 Effects of Oncogenic Gaq and Gat Inhibition by FR900359 in Uveal Melanoma

974 Ovarian Cancer Cells Commonly Exhibit Defective STING Signaling Which Affects Sensitivity to Viral Oncolysis
Nina Marí Gual Pimenta de Queiroz, Tianli Xia, Hiroyasu Konno, and Glen N. Barber

987 Cortactin Phosphorylation by Casein Kinase 2 Regulates Actin-Related Protein 2/3 Complex Activity, Invadopodia Function, and Tumor Cell Invasion
Steven M. Markwell, Amanda G. Ammer, Erik T. Interval, Jessica L. Allen, Brennen W. Papenberg, River A. Hames, Johnathan E. Castaño, Dorothy A. Schafer, and Scott A. Weed

1002 Identification and Characterization of Oncogenic SOS1 Mutations in Lung Adenocarcinoma
Diana Cai, Peter S. Choi, Maya Gelbard, and Matthew Meyerson

ABOUT THE COVER
Cancer stem cells have been reported to serve as a reservoir of therapy-resistant tumor-initiating cells that maintain the viability of a tumor through chemo- and/or radiation therapy, but the mechanisms allowing their persistence are poorly understood. The cover image shows whole-mount immunofluorescence staining of L3.6pl cells in which Ezrin, a linker protein that modulates the actin cytoskeleton, was ablated with RNA interference [Red: F-actin; Green: G-actin; Blue: DAPI]. Loss of Ezrin in pancreatic stem cells was shown to decrease clonogenic growth and self-renewal capacity, suggesting that targeting Ezrin with small molecules could limit their ability to repopulate a tumor. See the article by Penchev and colleagues (beginning on page 929) for more information.