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1535 MicroRNA-26a/b Regulate DNA Replication Licensing, Tumorigenesis, and Prognosis by Targeting CDC6 in Lung Cancer Xin Zhang, Dakai Xiao, Ziyi Wang, Yongxin Zou, Liyan Huang, Weixuan Lin, Qihua Deng, Hui Pan, Jiangfen Zhou, Chun Liang, and Jianxing He

CELL DEATH AND SURVIVAL

1547 Glucose–6–phosphatase Is a Key Metabolic Regulator of Glioblastoma Invasion Sara Abbadi, Julio J. Rodarte, Ameer Abutaleb, Emily Lavell, Chris L. Smith, William Ruff, Jennifer Schiller, Alessandro Olivi, Andre Levchenko, Hugo Guerrero-Cazares, and Alfredo Quinones-Hinojosa

1560 Bioactive Lipids, LPC and LPA, Are Novel Prometastatic Factors and Their Tissue Levels Increase in Response to Radio/Chemotherapy Gabriela Schneider, Zachariah Payne Sellers, Ahmed Abdel-Latif, Andrew J. Morris, and Mariusz Z. Ratajczak

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1586 Selective Inhibition of rDNA Transcription by a Small-Molecule Peptide That Targets the Interface between RNA Polymerase I and Rrn3 Katrina Rothblum, Qiuye Hu, Yvonne Penrod, and Lawrence I. Rothblum

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1621 The Antiproliferative Response of Indole-3-Carbinol in Human Melanoma Cells Is Triggered by an Interaction with NEDD4-1 and Disruption of Wild-Type PTEN Degradation Ida Aronchik, Aishwarya Kundu, Jeanne G. Quirit, and Gary L. Firestone

1635 GPER-Targeted, 99mTc-Labeled, Nonsteroidal Ligands Demonstrate Selective Tumor Imaging and In Vivo Estrogen Binding Tapan K. Nayak, Chinmasamy Ramesh, Helen J. Hathaway, Jeffrey P. Norenberg, Jeffrey B. Arterburn, and Eric R. Prossnitz

1644 G Protein–Coupled Estrogen Receptor Regulates Mammary Tumorigenesis and Metastasis Nicole A. Marjon, Chelin Hu, Helen J. Hathaway, and Eric R. Prossnitz

1655 DRO1 Inactivation Drives Colorectal Carcinogenesis in ApcMin Mice Jessica I. Grill, Jens Neumann, Andreas Herbst, Felix Hiltwein, Andrea Omer, Maximilian K. Marschall, Eckhard Wolf, Thomas Kirchner, Burkhard Goke, Marlon R. Schneider, and Frank T. Kolligs


ABOUT THE COVER

Glioblastoma (GBM) remains the most aggressive primary brain cancer in adults. This image represents a post-contrast sagittal T1 weighted MRI from a Glioblastoma patient demonstrating a centrally necrotic, peripherally enhancing mass in the right frontal lobe. Brain tumor initiating cells (BTICs) isolated from the surgical specimens revealed high expression of glucose-6-phosphatase-α (G6PC). Please see the article by Abbadi and colleagues (beginning on page 1547) for more information.

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