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2276 Drug Repurposing Identifies a Synergistic Combination Therapy with Imatinib Mesylate for Gastrointestinal Stromal Tumor Ziyan Y. Pessetto, Yan Ma, Jeff J. Hirst, Margaret von Mehren, Scott J. Weir, and Andrew K. Godwin

2288 Synergistic Simvastatin and Metformin Combination Chemotherapy for Osseous Metastatic Castration-Resistant Prostate Cancer Melissa A. Babcook, Sanjeev Shukla, Pingfu Fu, Edwin J. Vazquez, Michelle A. Puchowicz, Joseph P. Molter, Christine Z. Oak, Gregory T. MacLennan, Chris A. Flask, Daniel J. Lindner, Yvonne Parker, Firouz Daneshgari, and Sanjay Gupta

2303 The CREB-Binding Protein Inhibitor ICG-001 Suppresses Pancreatic Cancer Growth Michael D. Aremsan, Donatello Teleca, Anna R. Lay, Kathleen M. Kershaw, Nanping Wu, Timothy R. Donahue, and David W. Dawson

2315 BET Protein Antagonist JQ1 Is Synergistically Lethal with FLT3 Tyrosine Kinase Inhibitor (TKI) and Overcomes Resistance to FLT3-TKI in AML Cells Expressing FLT-ITD Warren Fiskus, Sunil Sharma, Jun Qi, Bhavin Shah, Santhana G.T. Devaraj, Christopher Leveque, Bryce P. Portier, Swaminathan Iyer, James E. Bradner, and Kapil N. Bhailla

2328 Nanolipolee-007, a Novel Nanoparticle-Based Drug Containing Leelamine for the Treatment of Melanoma Raghavendra Gowda, SubbaRao V. Madhunapantula, Arati Sharma, Omer F. Kuzu, and Gavin P. Robertson

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2352 Systemic Delivery of a miR34a Mimic as a Potential Therapeutic for Liver Cancer Christopher L. Daige, Jason F. Wiggins, Leslie Priddy, Terri Nelligan-Davis, Jane Zhao, and David Brown

CANCER BIOLOGY AND SIGNAL TRANSDUCTION

2361 Lipid Catabolism via CPT1 as a Therapeutic Target for Prostate Cancer Isabel R. Schlaepfer, Leah Rider, Lindsey Ulkus Rodrigues, Miguel A. Gijón, Colton T. Pac, Lina Romero, Adela Cimic, S. Joseph Sirintrapun, L. Michael Glodé, Robert H. Eckel, and Scott D. Cramer

2372 Prostate Cancer Cell Response to Paclitaxel Is Affected by Abnormally Expressed Securin PTTG1 Carolina Castillo, M. Luz Flores, Rafael Medina, Beguña Pérez-Valderrama, Francisco Romero, María Tortolero, Miguel A. Japón, and Carmen Sáez

2384 Regulation of OSU-03012 Toxicity by ER Stress Proteins and ER Stress–Inducing Drugs Laurence Booth, Jane L. Roberts, Nichola Cruickshanks, Steven Grant, Andrew Poklepovic, and Paul Dent

2399 Temozolomide Induces the Production of Epidermal Growth Factor to Regulate MDR1 Expression in Glioblastoma Cells Jessian L. Munoz, Vivian Rodriguez-Cruz, Steven J. Greco, Vipul Nagula, Kathleen W. Scotto, and Pranella Rameshwar
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2463 Integrated Analysis of Transcriptomes of Cancer Cell Lines and Patient Samples Reveals STK11/LKB1–Driven Regulation of cAMP Phosphodiesterase-4D
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ABOUT THE COVER

Zebrafish embryos can be used to examine mechanisms of vascular development and as a platform with which to identify novel antivascular agents; this is an image of a 2-day-old zebrafish embryo showing developing lymphatic vessels in green (lyve1:egfp) and endothelial cell nuclei in red (kdrl:nls:mcherry). This embryo was live imaged for a further 20 hours to identify novel inhibitors of lymphatic vessel growth and revealed that flunarizine, a calcium channel antagonist, was able specifically induce lymphatic endothelial cell death. For details, see the article by Astin and colleagues on page 2450.