HUMAN CANCER BIOLOGY

Regulation of Cell Proliferation and Migration by Keratin19-Induced Nuclear Import of Early Growth Response-1 in Breast Cancer Cells
Ji-hyun Ju, Wonseok Yang, Kyung-min Lee, Sunhwa Oh, KeeSoo Nam, Sarah Shim, Soon Young Shin, Myung Chan Gye, In-Sun Chu, and Incheol Shin

CANCER THERAPY: PRECLINICAL

Effective Activity of Cytokine-Induced Killer Cells against Autologous Metastatic Melanoma Including Cells with Stemness Features
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Contribution of Abcc4-Mediated Gastric Transport to the Absorption and Efficacy of Dasatinib
Brian D. Furmanski, Shuiying Hu, Ken-ichi Fujita, Lie Li, Alice A. Gibson, Laura J. Janke, Richard T. Williams, John D. Schuetz, Alex Sparreboom, and Sharyn D. Baker

Novel Targeting of Phospho-cMET Overcomes Drug Resistance and Induces Antitumor Activity in Multiple Myeloma
Michele Moschetta, Antonio Basile, Arianna Ferrucci, Maria Antonia Frassanito, Luigia Rao, Roberto Ria, Antonio Giovanni Solimando, Nicola Giuliani, Angilina Boccarelli, Fabio Fumarola, Mauro Coluccia, Bernardo Rossini, Simona Ruggieri, Beatrice Nico, Eugenio Maiorano, Domenico Ribatti, Aldo M. Roccaro, and Angelo Vacca
Vemurafenib Synergizes with Nutlin-3 to Deplete Survivin and Suppresses Melanoma Viability and Tumor Growth
Zhenyu Ji, Raj Kumar, Michael Taylor, Anupchelvi Rajadurai, Alexander Marzuka-Alcalá, Y. Erin Chen, Ching-Ni Jenny Njuaw, Keith Flaherty, Goran Jonsson, and Hensin Tsao

Acquired Resistance to Anti-VEGF Therapy in Glioblastoma Is Associated with a Mesenchymal Transition
Yuji Piao, Ji Liang, Lindsay Holmes, Verlene Henry, Erik Sulman, and John F. de Groot

β-Mannosylceramide Activates Type I Natural Killer T Cells to Induce Tumor Immunity without Inducing Long-Term Functional Anergy
Jessica J. O’Konek, Shingo Kato, Satomi Takao, Liat Izhak, Zheng Xia, Peter Illarionov, Gurdyal S. Besra, Masaki Terabe, and Jay A. Berzofsky

Sensitization of Pancreatic Cancer to Chemoradiation by the Chk1 Inhibitor MK8776
Carl G. Engelske, Leslie A. Parsels, Yushen Qian, Qiăng Zhang, David Karnak, Jordan R. Robertson, Daria M. Tamska, Dongping Wei, Mary A. Davis, Joshua D. Parsels, Lili Zhao, Joel K. Greenson, Theodore S. Lawrence, Jonathan Maybaum, and Meredith A. Morgan

Inhibition of Protein Phosphatase 2A Radiosensitizes Pancreatic Cancers by Modulating CDC25C/CDK1 and Homologous Recombination Repair
Dongping Wei, Leslie A. Parsels, David Karnak, Mary A. Davis, Joshua D. Parsels, Amanda C. Marsh, Lili Zhao, Jonathan Maybaum, Theodore S. Lawrence, Yi Sun, and Meredith A. Morgan

Development and Preclinical Characterization of a Humanized Antibody Targeting CXCL12

Memantine Protects Rats Treated with Intrathecal Methotrexate from Developing Spatial Memory Deficits
Peter D. Cole, Veena Vijayanathan, Nafeeka F. Ali, Mark E. Waghshul, Eric J. Tanenbaum, Jeremy Price, Vidhi Dalal, and Maria E. Gulinello

A Novel Aldehyde Dehydrogenase-3 Activator (Alda-89) Protects Submandibular Gland Function from Irradiation without Accelerating Tumor Growth
Nan Xiao, Hongbin Cao, Che-Hong Chen, Christina S. Kong, Rehan Ali, Cato Chan, Davud Sirjani, Edward Graves, Albert Koong, Amato Giaccia, Daria Mochly-Rosen, and Quynh-Thuy Le

Nimbolide, a Limonoid Triterpene, Inhibits Growth of Human Colorectal Cancer Xenografts by Suppressing the Proinflammatory Microenvironment
Subash C. Gupta, Sahdeo Prasad, Dhanya R. Senthumadhavan, Mangalam S. Nair, Yin-Yuan Mo, and Bharat R. Aggarwal

Identification of Circulating MicroRNA Signatures for Breast Cancer Detection
Maurice Chan, Chiew Suan Liaw, Shen Mo Ji, Hwee Huang Tan, Chow Yin Wong, Aye Aye Thike, Puay Hoon Tan, Gay Hui Ho, and Ann Siew-Gek Lee

Phase II Randomized Trial Comparing High-Dose IFN-α2b with Temozolomide Plus Cisplatin as Systemic Adjuvant Therapy for Resected Mucosal Melanoma
Bin Lian, Lu Li, Chuanliang Cui, Zhihong Chi, Xinan Sheng, Lili Mao, Siiming Li, Yan Kong, Bizia Tang, and Jun Guo

Phase I Trial of a New Schedule of Romidepsin in Patients with Advanced Cancers
Identification of Promiscuous KIF20A Long Peptides Bearing Both CD4+ and CD8+ T-cell Epitopes: KIF20A-Specific CD4+ T-cell Immunity in Patients with Malignant Tumor


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Clinical, Pathologic, and Biologic Features Associated with BRAF Mutations in Non–Small Cell Lung Cancer

Stephanie Cardarella, Atsuko Ogino, Mizuki Nishino, Mohit Butaney, Jeanne Shen, Christine Lydon, Beow Y. Yeap, Lynette M. Sholl, Bruce E. Johnson, and Pasi A. Jänne

Predictive Biomarkers and Personalized Medicine

Ki67 Measured after Neoadjuvant Chemotherapy for Primary Breast Cancer


Letters to the Editor

Oncolytic Virotherapy Trials—Letter

Akseli Hemminki, Minna Oksanen, and Maiju Merisalo-Soikkeli

Correction: MSH6 Mutations Arise in Glioblastomas during Temozolomide Therapy and Mediate Temozolomide Resistance

The cover shows Rad51 foci (red) in pancreatic cancer cells treated with gemcitabine and radiation. Nuclei are stained with DAPI (blue). For details, see the article by Engelke and colleagues on page 4412 of this issue.