Contents

Highlights of This Issue 6393

SPECIAL FEATURES

CCR Translations
6395 Assessing Iron Overload: Are We There Yet? Paul C. Kruger, Michael F. Leahy, and John K. Olynyk See article p. 6460
6398 Improving Publication Rates of Biomarker Results from Cancer Trials Robert Iannone See article p. 6478

Molecular Pathways
6400 Molecular Pathways: Understanding the Role of Rad52 in Homologous Recombination for Therapeutic Advancement Benjamin H. Lok and Simon N. Powell

Review
6407 p53 Arg72Pro Polymorphism, HPV Status and Initiation, Progression, and Development of Cervical Cancer: A Systematic Review and Meta-Analysis Steven Habbous, Vincent Pang, Lawson Eng, Wei Xu, Goldie Kurtz, Fei-Fei Liu, Helen Mackay, Eitan Amir, and Geoffrey Liu

HUMAN CANCER BIOLOGY
6416 Prospero Homeobox 1 Promotes Epithelial–Mesenchymal Transition in Colon Cancer Cells by Inhibiting E-cadherin via miR-9 Mei-Hsuan Lu, Chao-Cheng Huang, Mei-Ren Pan, Hong-Hwa Chen, and Wen-Chun Hung

6426 Molecular Analysis of HER2 Signaling in Human Breast Cancer by Functional Protein Pathway Activation Mapping Julia D. Walikuhle, Daniela Berg, Claudia Wolff, Rupert Langer, Kai Tran, Julie Illi, Virginia Espina, Mariarlena Pierobon, Jianghong Deng, Angela DeMichele, Axel Walch, Holger Bronger, Ingrid Becker, Christine Waldhauer, Heinz Höfler, Laura Esserman on behalf of the I-SPY 1 TRIAL Investigators, Lance A. Liotta, Karl-Friedrich Becker, and Emanuel F. Petricoin III

CANCER THERAPY: PRECLINICAL
6436 Redirecting Gene-Modified T Cells toward Various Cancer Types Using Tagged Antibodies Koji Tamada, Degui Geng, Yukimi Sakoda, Navneeta Bansal, Ratika Srivastava, Zhaoyang Li, and Eduardo Davila
6446 Vaccination with Irradiated Tumor Cells Pulsed with an Adjuvant That Stimulates NKT Cells Is an Effective Treatment for Glioma Martin K. Hunn, Kathryn J. Farrand, Kate W.R. Broadley, Robert Weinkove, Peter Ferguson, Rose J. Miller, Cameron S. Field, Troels Petersen, Melanie J. McConnell, and Ian F. Hermans

IMAGING, DIAGNOSIS, PROGNOSIS
6460 MRI-Based Liver Iron Content Predicts for Nonrelapse Mortality in MDS and AML Patients Undergoing Allogeneic Stem Cell Transplantation Martin Wermke, Anne Schmidt, Jan Moritz Middeke, Katja Sockel, Malte von Bonin, Claudia Schönewelt, Sabine Mair, Verena Ploß, Michael Laniado, Günter Weiss, Johannes Schetelig, Gerhard Ehniger, Igor Theurl, Martin Bornhauser, and Uwe Platzbecker See commentary p. 6395
6469 Combretastatin A-4 Phosphate Affects Tumor Vessel Volume and Size Distribution as Assessed Using MRI-Based Vessel Size Imaging Thomas Nielsen, Lise Bentzen, Michael Pedersen, Trine Tramm, Paul F.J.W. Rijken, Johan Bussink, Michael R. Horsman, and Leif Østergaard
A Phase II, Randomized, Placebo-Controlled Study of Vismodegib as Maintenance Therapy in Patients with Ovarian Cancer in Second or Third Complete Remission
Stanley B. Kaye, Louis Fehrenbacher, Robert Holloway, Amnon Amit, Beth Karlan, Brian Slomovitz, Paul Sabbatini, Ling Fu, Robert L. Yau, Ilsung Chang, and Josina C. Reddy

Genetically Defined Subsets of Human Pancreatic Cancer Show Unique In Vitro Chemosensitivity
Yunfeng Cui, Jacqueline A. Brosnan, Amanda L. Blackford, Sarojit Sur, Ralph H. Hruban, Kenneth W. Kinzler, Bert Vogelstein, Anirban Maitra, Luis A. Diaz Jr, Christine A. Iacobuzio-Donahue, and James R. Eshleman

Mutation Profiling and Microsatellite Instability in Stage II and III Colon Cancer: An Assessment of Their Prognostic and Oxaliplatin Predictive Value

ACKNOWLEDGMENT TO REVIEWERS