Looking Farther Afield ........................................................................................................857

Editorials


Genetic Association Studies of Cancer: Where Do We Go from Here? Timothy R. Rebbeck, Muin J. Khoury, and John D. Potter ........................................................................864

Review

The Intersection of Cancer and Aging: Establishing the Need for Breast Cancer Rehabilitation. Kathryn H. Schmitz, Anne R. Cappola, Carrie T. Stricker, Carol Sweeney, and Sandra A. Norman ........................................................................866

Commentary

Gut Check: Can Cost-Effectiveness Analysis Help Eliminate Gastric Cancer in Asia? Scott Ramsey ........................................................................873

Research Articles

Cost-effectiveness Analysis between Primary and Secondary Preventive Strategies for Gastric Cancer. Yi-Chia Lee, Jaw-Town Lin, Hui-Min Wu, Tzeng-Ying Liu, Ming-Fang Yen, Han-Mo Chiu, Hsiu-Po Wang, Ming-Shiang Wu, and Tony Hsiu-Hsi Chen ........................................................................875


Is TGFBR1*6A a Susceptibility Allele for Nonsyndromic Familial Colorectal Neoplasia? Denise Daley, Wendi Morgan, Susan Lewis, Joseph Willis, Robert C. Elston, Sanford D. Markowitz, and Georgia L. Wiesner ........................................................................892

Effect of a 12-Month Randomized Clinical Trial of Exercise on Serum Prolactin Concentrations in Postmenopausal Women. Shelley S. Tworoger, Bess Sorensen, Jessica Chubak, Melinda Irwin, Frank Z. Stanczyk, Cornelia M. Ulrich, John Potter, and Anne McTiernan ........................................................................895


The CYP1A2 Genotype Modifies the Association Between Coffee Consumption and Breast Cancer Risk Among BRCA1 Mutation Carriers. Joanne Kotsoopoulos, Parviz Ghadirian, Ahmed El-Sohemy, Henry T. Lynch, Carrie Snyder, Mary Daly, Susan Domchek, Susan Randall, Beth Karlan, Phil Zhang, Shiyu Zhang, Ping Sun, and Steven A. Narod ........................................................................912
Expression of Cytochrome P450 1B1 and Catechol-O-Methyltransferase in Breast Tissue and Their Associations with Breast Cancer Risk. Wanqing Wen, Zefang Ren, Xiao Ou Shu, Qiuyin Cai, Chuanzhong Ye, Yu-Tang Gao, and Wei Zheng .......................................................... 917

Longitudinal Trends in Mammographic Percent Density and Breast Cancer Risk. Celine M. Vachon, V. Shane Pankratz, Christopher G. Scott, Shaun D. Maloney, Karthik Ghosh, Kathleen R. Brandt, Tia Milanese, Michael J. Carston, and Thomas A. Sellers ........................................... 921

Synchronized Seasonal Variations of Mammographic Breast Density and Plasma 25-Hydroxyvitamin D. Jacques Brisson, Sylvie Bérubé, Caroline Diorio, Marc Sinotte, Michael Pollak, and Benoît Mâsse .............................................. 929

Recreational Physical Activity and Mammographic Breast Density Characteristics. Katherine W. Reeves, Gretchen L. Gierach, and Francesmary Modugno ................................................................. 934


Lactate Persistence, Dietary Intake of Milk, and the Risk for Prostate Cancer in Sweden and Finland. Suvi Torniainen, Maria Hedelin, Ville Autio, Heli Rasinperä, Katarina Augustsson Bäler, Åsa Klint, Rino Bellocco, Fredrik Wiklund, Pär Stattin, Tarja Ikonen, Teuvo L.J. Tammela, Johanna Schleutker, Henrik Grönberg, and Irma Järvelä .................................................................................................................. 956

Serum Lycopene, Other Carotenoids, and Prostate Cancer Risk: a Nested Case-Control Study in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial. Ulrike Peters, Michael F. Leitzmann, Nilanjan Chatterjee, Yinghui Wang, Demetrius Albanes, Edward P. Gelmann, Marlin D. Friesen, Elio Riboli, and Richard B. Hayes ............................................. 962


Prognostic Effect of DNA Aneuploidy from Bladder Washings in Superficial Bladder Cancer. Matteo Puntoni, Silvia Zanardi, Daniela Branchi, Silvia Bruno, Antonio Curotto, Marco Varaldo, Paolo Bruzzi, and Andrea Decensi ............................................................................. 979

Associations between Exercise and Quality of Life in Bladder Cancer Survivors: A Population-Based Study. Kristina H. Karvinen, Kerry S. Courneya, Scott North, and Peter Venner .................................................................................................................. 984

Number of Nevi and Early-Life Ambient UV Exposure Are Associated with BRAF-Mutant Melanoma. Nancy E. Thomas, Sharon N. Edmiston, Audrey Alexander, Robert C. Millikan, Pamela A. Groben, Honglin Hao, Dawn Tolbert, Marianne Berwick, Klaus Busam, Colin B. Begg, Dianne Mattingly, David W. Ollila, Chiu Kit Tse, Amanda Hummer, Julia Lee-Taylor, and Kathleen Conway ..................................................... 991

Fatalistic Beliefs about Cancer Prevention and Three Prevention Behaviors. Jeff Niederdeppe and Andrea Gurmankin Levy ...................................................................................................................... 998


Phytoestrogen Exposure Is Associated with Circulating Sex Hormone Levels in Postmenopausal Women and Interact with ESR1 and NR1H2 Gene Variants. Yen-Ling Low, Alison M. Dunning, Mitch Dowsett, Elizabeth Folkard, Deborah Doody, James Taylor, Amit Bhaniani, Robert Luben, Kay-Tee Khaw, Nick J. Wareham, and Sheila A. Bingham .................................................................................................................. 1009

Short Communications


Cardiovascular Risk Profile of Patients with HER2/neu-Positive Breast Cancer Treated with Anthracycline-Taxane–Containing Adjuvant Chemotherapy and/or Trastuzumab. Lee W. Jones, Mark Haykowsky, Carolyn J. Peddle, Anil A. Joy, Edith N. Pituskin, Linda M. Tkachuk, Kerry S. Courneya, Dennis J. Slamon, and John R. Mackey .............................................................................................................. 1026


Hair Relaxers Not Associated with Breast Cancer Risk: Evidence from the Black Women’s Health Study. Lynn Rosenberg, Deborah A. Boggs, Lucile L. Adams-Campbell, and Julie R. Palmer ............................................................... 1035

Concordance of Pharmacogenetic Polymorphisms in Tumor and Germ Line DNA in Adult Patients with Acute Myeloid Leukemia. Joli R. Weiss, Maria R. Baer, Christine B. Ambrosone, Javier G. Blanco, Alan Hutson, Laurie A. Ford, and Kirsten B. Moysich ........................................................................................................... 1038

Corrections .................................................................................................................. 1042

Instructions for Authors ......................................................................................... i–iv