Editorial

Control Selection Options for Genome-Wide Association Studies in Cohorts. Sholom Wacholder and Melissa Rotunno ................................................................. 695

Global Perspective

Rapid Access to Preventive Intervention Development Program in the Division of Cancer Prevention of the U.S. National Cancer Institute: an Overview. Izet M. Kapetanovic ................................................................. 698

Hypothesis/Commentary

Is it Time to Test Metformin in Breast Cancer Clinical Trials? Massimiliano Cazzaniga, Bernardo Bonanni, Aliana Guerrieri-Gonzaga, and Andrea Decensi ................................................................. 701

Research Articles

A Simulation Study of Control Sampling Methods for Nested Case-Control Studies of Genetic and Molecular Biomarkers and Prostate Cancer Progression. Ming-Hsi Wang, Yin Yao Shugart, Stephen R. Cole, and Elizabeth A. Platz ................................................................. 706

Analysis of Colorectal Adenoma Recurrence Data Subject to Informative Censoring. Chiu-Hsieh Hsu, Jeremy M.G. Taylor, Qi Long, and David S. Alberts ................................................................. 712


Yield of Claims Data and Surveys for Determining Colon Cancer Screening among Health Plan Members. Michael Pignone, Tracy L. Scott, Laura A. Schild, Carmen Lewis, Raquel Vázquez, and Karen Glanz ................................................................. 726

Nipple Aspirate Fluid Collection, Related Factors and Relationship between Carcinoembryonic Antigen in Nipple Aspirate Fluid and Breast Diseases in Women in Harbin, PRC. Ya-shuang Zhao, Da Pang, Fan Wang, Ying-wei Xue, Dan-ning Gao, Hui Li, Kang Li, Bin-you Wang, Da Wang, and Hong-yuan Li ................................................................. 732

Predisposing Factors Associated with Compliance to Biennial Breast Screening among Centers with and without Nurses. Sarah A. Edwards, Anna M. Chiarelli, Lindsay Stewart, Vicky Majpruz, Paul Ritvo, and Verna Mai ................................................................. 739

Serum Prostate-Specific Antigen Hemodilution Among Obese Men Undergoing Screening in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial. Robert L. Grubb III, Amanda Black, Grant Izmirlian, Thomas P. Hickey, Paul F. Pinsky, Jerome E. Mabie, Thomas L. Riley, Lawrence R. Ragard, Philip C. Prorok, Christine D. Berg, E. David Crawford, Timothy R. Church, and Gerald L. Andriole, Jr., for the PLCO Project Team ................................................................. 748

Trends in Colorectal Cancer Screening Utilization among Ethnic Groups in California: Are We Closing the Gap? Annette E. Maxwell and Catherine M. Crespi ................................................................. 752

Lung Adenocarcinoma Incidence Rates and Their Relation to Motor Vehicle Density. Fan Chen, Haley Jackson, and William F. Bina ................................................................. 760

Placental Weight and Breast Cancer Survival in Young Women. Gunnar Larfors, Paul C. Lambert, Mats Lambe, Anders Ekbom, and Sven Cnattingius .................................................. 777


Etiologic Heterogeneity for Cervical Carcinoma by Histopathologic Type, Using Comparative Age-Period-Cohort Models. Laura L. Reimers, William F. Anderson, Philip S. Rosenberg, Donald E. Henson, and Philip E. Castle ........................................ 792

Family History and Risk of Renal Cell Carcinoma: Results from a Case-Control Study and Systematic Meta-Analysis. Jessica Clague, Jie Lin, Adrian Cassidy, Surena Matin, Nizar M. Tannir, Pheroze Tamboli, Christopher G. Wood, and Xifeng Wu .................................................. 801


Obesity and Weight Gain in Adulthood and Telomere Length. Sangmi Kim, Christine G. Parks, Lisa A. DeRoo, Honglei Chen, Jack A. Taylor, Richard M. Cawthon, and Dale P. Sandler ........................................ 816


Total and Unopposed Estrogen Exposure across Stages of the Transition to Menopause. Kathleen A. O’Connor, Rebecca J. Ferrell, Eleanor Brindle, Jane Shofer, Darryl J. Holman, Rebecca C. Miller, Deborah E. Schechter, Burton Singer, and Maxine Weinstein ........................................ 828

Texture Features from Mammographic Images and Risk of Breast Cancer. Armando Manduca, Michael J. Carston, John J. Heine, Christopher G. Scott, V. Shane Pankratz, Kathy R. Brandt, Thomas A. Sellers, Celine M. Vachon, and James R. Cerhan ........................................ 837

Aflatoxin B1 Exposure, Hepatitis B Virus Infection, and Hepatocellular Carcinoma in Taiwan. Hui-Chen Wu, Qiao Wang, Hwai-I Yang, Habibul Ahsan, Wei-Yann Tsai, Li-Yu Wang, Shu-Yuan Chen, Chien-Jen Chen, and Regina M. Santella ........................................ 846

Persistence of an Incident Human Papillomavirus Infection and Timing of Cervical Lesions in Previously Unexposed Young Women. Helen Trottier, Salaheddin M. Mahmud, Lisa Lindsay, David Jenkins, Wim Quint, Susan L. Wieting, Anne Schuind, and Eduardo L. Franco on behalf of the GSK HPV-001 Vaccine Study Group ........................................ 854


Progressive Commercial Cigarette Yield Reduction: Biochemical Exposure and Behavioral Assessment. Neal L. Benowitz, Katherine M. Dains, Sharon M. Hall, Susan Stewart, Margaret Wilson, Delia Dempsey, and Peyton Jacob III ........................................ 876


Socioeconomic Inequalities in Cancer Survival in New Zealand: The Role of Extent of Disease at Diagnosis.
Mona Jeffreys, Diana Sarfati, Vladimir Stevanovic, Martin Tobias, Chris Lewis, Neil Pearce, and Tony Blakely .......................... 915

The Relationship between Gene-Specific DNA Methylation in Leukocytes and Normal Colorectal Mucosa in Subjects with and without Colorectal Tumors. Mina Sarah Ally, Reyad Al-Ghnaniem, and Maria Pufulete .......................... 922

HFE C282Y Mutation as a Genetic Modifier Influencing Disease Susceptibility for Chronic Myeloproliferative Disease. Hajnalka Andrikovics, Nora Meggyesi, Aniko Szilvasi, Julia Tamaska, Gabriella Halm, Sandor Lueff, Sarolta Nahajevszky, Miklos Egyed, Judit Varkonyi, Gabor Mikala, Andrea Sipos, Laszlo Kalasz, Tamas Masszi, and Attila Tordai .......................................................... 929


IGF-1 and IGFBP-3 Polymorphisms in Relation to Circulating Levels among African American and Caucasian Women. Aimee A. D’Aloisio, Jane C. Schroeder, Kari E. North, Charles Poole, Suzanne L. West, Gregory S. Travlos, and Donna D. Baird .................................................. 954


Polymorphic Variation in NFKB1 and Other Aspirin-Related Genes and Risk of Hodgkin Lymphoma. Ellen T. Chang, Brenda M. Birmann, Julie L. Kasperzyk, David V. Conti, Peter Kraft, Richard F. Ambinder, Tongzhang Zheng, and Nancy E. Mueller .......................... 976

Suboptimal DNA Repair Capacity Predisposes Coke-Oven Workers To Accumulate More Chromosomal Damages in Peripheral Lymphocytes. Juan Cheng, Shuguang Leng, Haishan Li, Chuanfeng Huang, Yong Niu, Linyuan Zhang, Xuemiao Liang, Han Lin, and Yuxin Zheng .................................................. 987

Null Results in Brief

Long-Term Dietary Acrylamide Intake and Risk of Epithelial Ovarian Cancer in a Prospective Cohort of Swedish Women. Susanna C. Larsson, Agneta Åkesson, and Alicia Wolk .................................................. 994

DNA Promoter Methylation in Breast Tumors: No Association with Genetic Polymorphisms in MTHFR and MTR. Meng Hua Tao, Peter G. Shields, Jing Nie, Catalin Marian, Christine B. Ambrosone, Susan E. McCann, Mary Platek, Shiva S. Krishnan, Bin Xie, Stephen B. Edge, Janet Winston, Dominica Vito, Maurizio Trevisan, and Jo L. Freudenheim .................................................. 998


No Difference Between Red Wine or White Wine Consumption and Breast Cancer Risk. Polly A. Newcomb, Hazel B. Nichols, Jeannette M. Beasley, Kathleen Egan, Linda Titus-Ernstoff, John M. Hampton, and Amy Trentham-Dietz .................................................. 1007
Letters to the Editor

Alcohol Consumption and Survival after Breast Cancer. .......................................................... 1011
Diagnosing Gastrointestinal Stromal Tumors before the Year 2000. ........................................ 1013

Corrections

Correction: Article on Incident Breast Cancer and Location of Residence .................................. 1016
Correction: Article on Aldehyde Dehydrogenase 2 and Head and Neck Center .......................... 1016