Highlights of This Issue 745

RESEARCH ARTICLES

747 Biomarker Discovery for Heterogeneous Diseases
Garrick Wallstrom, Karen S. Anderson, and Joshua LaBaer

756 The Effects of Aerobic Exercise on Estrogen Metabolism in Healthy Premenopausal Women
Alma J. Smith, William R. Phipps, William Thomas, Kathryn H. Schmitz, and Mindy S. Kurzer

765 Comparison of Nicotine and Carcinogen Exposure with Water Pipe and Cigarette Smoking
Peyton Jacob III, Ahmad H. Abu Raddaha, Delia Dempsey, Christopher Havel, Margaret Peng, Lisa Yu, and Neal L. Benowitz

773 Physical Activity and Fatigue in Breast Cancer Survivors: A Panel Model Examining the Role of Self-efficacy and Depression
Siobhan M. Phillips and Edward McAuley

782 Increasing Hepatitis B Screening for Hmong Adults: Results from a Randomized Controlled Community-Based Study

792 Adherence to the WCRF/AICR Guidelines for Cancer Prevention is Associated with Lower Mortality Among Older Female Cancer Survivors
Maki Inoue-Choi, Kim Robien, and DeAnn Lazovich

803 Risk of Pancreatic Cancer in Breast Cancer Families from the Breast Cancer Family Registry
Evelina Mucci, Roger L. Milne, Elena Yuste Méndez-Villamil, John L. Hopper, Esther M. John, Irene L. Andrulis, Wendy K. Chung, Mary Daly, Saundra S. Buys, Nuria Malats, and David E. Goldgar

812 Risk Assessment of Upper Tract Urothelial Carcinoma Related to Aristolochic Acid
Felicia Wu and Tianxiu Wang

821 Gastric Parietal Cell Antibodies Helicobacter Pylori Infection, and Chronic Atrophic Gastritis: Evidence from a Large Population-based Study in Germany
Yan Zhang, Melanie N. Weck, Ben Schöttker, Dietrich Rothenbacher, and Hermann Brenner

827 Gene Variants in Angiogenesis and Lymphangiogenesis and Cutaneous Melanoma Progression

835 A Linked-Registry Study of Gestational Factors and Subsequent Breast Cancer Risk in the Mother
Rebecca Troisi, David R. Doody, and Beth A. Mueller

848 Lifestyle and Dietary Factors in Relation to Risk of Chronic Myeloid Leukemia in the NIH-AARP Diet and Health Study
Geoffrey C. Kabat, Jennifer W. Wu, Steven C. Moore, Lindsay M. Morton, Yikyung Park, Albert R. Hollenbeck, and Thomas E. Rohan

855 Inflammatory Plasma Markers and Pancreatic Cancer Risk: A Prospective Study of Five U.S. Cohorts
Ying Bao, Edward L. Giovannucci, Peter Kraft, Zhi Rong Qian, Chen Wu, Shuji Ogino, J. Michael Gaziano, Meir J. Stampfer, Jing Ma, Julie E. Buring, Howard D. Sesso, I-Min Lee, Nader Rifai, Michael N. Pollak, Li Jiao, Lawrence Lessin, Barbara B. Cochrane, JoAnn E. Manson, Charles S. Fuchs, and Brian M. Wolpin
The Increased Risk of Colon Cancer Due to Cigarette Smoking May Be Greater in Women than Men
Ranjan Parajuli, Eivind Bjerkaas, Age Tverdal, Randi Selmer, Loic Le Marchand, Elisabete Weiderpass, and Inger T. Gram

Sleep Disruption Among Older Men and Risk of Prostate Cancer
Lara G. Sigurdardottir, Unnur A. Valdimarsdottir, Lorelei A. Mucci, Katja Fall, Jennifer R. Rider, Eva Schernhammer, Charles A. Czeizler, Lenore Launner, Tamara Harris, Meir J. Stampfer, Vilmundur Gudnason, and Steven W. Lockley

Combined and Interactive Effects of Environmental and GWAS-Identified Risk Factors in Ovarian Cancer

Genes Associated with Prostate Cancer Are Differentially Expressed in African American and European American Men
Isaac J. Powell, Greg Dyson, Susan Land, Julie Ruterbusch, Cathryn H. Bock, Steve Lenk, Mehsati Herawi, Richard Everson, Craig N. Giroux, Ann G. Schwartz, and Aliccia Bollig-Fischer

Obesity and Future Prostate Cancer Risk among Men after an Initial Benign Biopsy of the Prostate
Andrew Rundle, Michelle Jankowski, Oleksandr N. Kryvenko, Deliang Tang, and Benjamin A. Rybicki

Serum 25-Hydroxyvitamin D and Cancer Risk in Older Adults: Results from a Large German Prospective Cohort Study
José M. Ordóñez-Mena, Ben Schöttker, Ulrike Haug, Heiko Müller, Josef Köhrle, Lutz Schomburg, Bernd Holleczek, and Hermann Brenner

Family History of Colorectal Cancer in BRAF p.V600E-Mutated Colorectal Cancer Cases
Daniel D. Buchanan, Aung K. Win, Michael D. Walsh, Rhiannon J. Walters, Mark Clendenning, Belinda Nagler, Sally-Anne Pearson, Finlay A. Macrae, Susan Parry, Julie Arnold, Ingrid Winship, Graham G. Giles, Norelance M. Lindor, John D. Potter, John L. Hopper, Christophe Rosty, Joanne P. Young, and Mark A. Jenkins

Plasma Carotenoid- and Retinol-Weighted Multi-SNP Scores and Risk of Breast Cancer in the National Cancer Institute Breast and Prostate Cancer Cohort Consortium