Editorial

The Long and Winding Road of Diet and Breast Cancer Prevention. Marian L. Neuhouser ........................................... 1755

Point/Counterpoint

Not the Time to Abandon the Food Frequency Questionnaire: Point. Walter C. Willett and Frank B. Hu ..................... 1757
Not the Time to Abandon the Food Frequency Questionnaire: Counterpoint. Alan R. Kristal and John D. Potter ........... 1759

Commentary

Genetic Susceptibility to Aggressive Prostate Cancer. Elaine A. Ostrander, Erika M. Kwon, and Janet L. Stanford ........... 1761

Reviews

The Enigmatic Epidemiology of Nasopharyngeal Carcinoma. Ellen T. Chang and Hans-Olov Adami ......................... 1765
The Case for a Genetic Predisposition to Serrated Neoplasia in the Colorectum: Hypothesis and Review of the Literature. Joanne Young and Jeremy R. Jass ......................................................... 1778

Research Articles

Nonsteroidal Anti-inflammatory Drugs and Subsite-Specific Colorectal Cancer Incidence in the Iowa Women's Health Study. Amit Mahipal, Kristin E. Anderson, Paul J. Limburg, and Aaron R. Folsom ......................................................... 1785
Risk of Colorectal Cancer Is Linked to Erythrocyte Compositions of Fatty Acids as Biomarkers for Dietary Intakes of Fish, Fat, and Fatty Acids. Kiyonori Kuriki, Kenji Wakai, Kaoru Hirose, Keitaro Matsuo, Hideki Ito, Takeshi Suzuki, Toshiko Saito, Yukihide Kanemitsu, Takashi Hirai, Tomoyuki Kato, Masae Tatematsu, and Kazuo Tajima ................................................................. 1791
Cotinine Concentration in Smokers from Different Countries: Relationship with Amount Smoked and Cigarette Type. Amanda L. Blackford, Gohnguen Yang, Mauricio Hernandez-Avila, Krzysztof Przewozniak, Witold Zator and, Valeska Figueiredo, Erika Avila-Tang, Jiemin Ma, Neal L. Benowitz, and Jonathan M. Samet .................. 1799
Comparison of Polymorphisms in Genes Involved in Polycyclic Aromatic Hydrocarbon Metabolism with Urinary Phenanthrene Metabolite Ratios in Smokers. Stephen S. Hecht, Steven G. Carmella, Andrea Yoder, Menglan Chen, Zhong-ze Li, Chap Le, Rachel Dayton, Joni Jensen, and Dorothy K. Hatsukami ......................................................... 1805
CYP2A6 Genotype, Phenotype, and the Use of Nicotine Metabolites as Biomarkers during Ad libitum Smoking. Viba Malaiyandi, Shari D. Goodz, Edward M. Sellers, and Rachel F. Tyndale ......................................................... 1812
Maternal Smoking and Testicular Germ Cell Tumors. Katherine A. McGlynn, Yawei Zhang, Lori C. Sakoda, Mark V. Rubertone, Ralph L. Erickson, and Barry I. Graubard ......................................................... 1820
Validity of Self-reported Smoking Status among Participants in a Lung Cancer Screening Trial. Jamie L. Studts, Sameer R. Ghate, Jaime L. Gill, Christina R. Studts, Christopher N. Barnes, A. Scott LaJoie, Michael A. Andrykowski, and Renato V. LaRocca ................................................................. 1825
Marijuana Use and the Risk of Lung and Upper Aerodigestive Tract Cancers: Results of a Population-Based Case-Control Study. Mia Hashibe, Hal Morgenstern, Yan Cui, Donald P. Tashkin, Zuo-Feng Zhang, Wendy Cozen, Thomas M. Mack, and Sander Greenland ................................................................. 1829
Effect of Staining Procedures on the Results of Micronucleus Assays with Exfoliated Oral Mucosa Cells.
Armen Nersesyan, Michael Kundi, Kambis Atefie, Rolf Schulte-Hermann, and Siegfried Knasmüller ............................. 1835

Reproducibility and Expression of Skin Biomarkers in Sun-Damaged Skin and Actinic Keratoses.
Janine G. Einspahr, Min-Jian Xu, James Warneke, Kathlynn Saboda, James Ranger-Moore, Paul Bozzo, Laura Dukett, Rayna Goldman, Po Lin, Julie Buckmeier, and David S. Alberts .......................... 1841

Racial/Ethnic Differences in Postmenopausal Endogenous Hormones: The Multiethnic Cohort Study.
Veronica Wendy Setiawan, Christopher A. Haiman, Frank Z. Stanczyk, Loïc Le Marchand, and Brian E. Henderson .......... 1849

Influence of Patterns of Hormone Replacement Therapy Use and Mammographic Density on Breast Cancer Detection.
Anna M. Chiarelli, Victoria A. Kirsh, Neil S. Klar, Rene Shumak, Roberta Jong, Eve Fishell, Martin J. Yaffe, and Norman F. Boyd .......................................................... 1856

BRCA1 and BRCA2 Mutation Carriers, Oral Contraceptive Use, and Breast Cancer Before Age 50.


Increases in Plasma Carotenoid Concentrations in Response to a Major Dietary Change in the Women’s Healthy Eating and Living Study.
John P. Pierce, Loki Natarajan, Shelly Sun, Wael Al-Delaimy, Shirley W. Flatt, Sheila Kealey, Cheryl L. Rock, Cynthia A. Thomson, Vicky A. Newmann, Cheryl Ritenbaugh, Ellen B. Gold, Bette J. Caan, for the Women’s Healthy Eating and Living Study Group .................................................. 1886

Measuring Perceptions of Breast Cancer Risk.
Andrea Gurmankin Levy, Judy Shea, Sankey V. Williams, Alex Quistberg, and Katrina Armstrong ............................................. 1893

Comparison of Age Distribution Patterns for Different Histopathologic Types of Breast Carcinoma.
William F. Anderson, Ruth M. Pfeiffer, Graça M. Dores, and Mark E. Sherman ................................................................. 1899

The P2X7 Receptor: A Novel Biomarker of Uterine Epithelial Cancers.
Xin Li, Lingying Zhou, Ying-Hong Feng, Fadi W. Abdul-Karim, and George I. Gorodeski ................................................................. 1906

A Phase I-II Preoperative Biomarker Trial of Fenretinide in Ascitic Ovarian Cancer.
Nicoleta Colombo, Franca Formelli, Maria Grazia Cantù, Gabriella Parma, Milena Gasco, Alessandra Argusti, Alfredo Santinelli, Rodolfo Montironi, Elena Cavadini, Laura Baglietto, Aliana Guerrieri-Gonzaga, Giuseppe Viale, and Andrea Decensi ................................................................. 1914

Interleukin-1B Polymorphisms and Gastric Cancer Risk—A Meta-analysis.
Farin Kamangar, Cindy Cheng, Christian C. Abnet, and Charles S. Rabkin ................................................................. 1920

Influences of Chymase and Angiotensin I-Converting Enzyme Gene Polymorphisms on Gastric Cancer Risks in Japan.
Mitsuhige Sugimoto, Takahisa Furuta, Naohito Shirai, Mutsuhiro Ikuma, Haruhiko Sugimura, and Akira Hishida ................................................................. 1929

Mutagen Sensitivity and Neoplastic Progression in Patients with Barrett's Esophagus: A Prospective Analysis.
Dennis L. Chao, Carlo C. Maley, Xifeng Wu, Diana C. Farrow, Patricia C. Galipeau, Carissa A. Sanchez, Thomas G. Paulson, Peter S. Rabinovitch, Brian J. Reid, Margaret R. Spitz, and Thomas L. Vaughan .................................................. 1935

Cyclin E Expression and Outcome in Pancreatic Ductal Adenocarcinoma.
David A. Skalicky, James G. Kench, Davendra Segara, Maxwell J. Coleman, Robert L. Sutherland, Susan M. Henshall, Elizabeth A. Musgrove, and Andrew V. Biankin ................................................................. 1941

5,10-Methylenetetrahydrofolate Reductase Polymorphisms and Acute Lymphoblastic Leukemia Risk: A Meta-analysis. Tiago Veiga Pereira, Martina Rudnicki, Alexandre Costa Pereira, Maria S. Pombo-de-Oliveira, and Rendrik França Franco 1956

The Risk of Cancer following Hospitalization for Infection in Infancy: A Population-Based Cohort Study. Ora Paltiel, David E. Laniado, Rivlca Yanetz, Lisa Deutsch, Ronit Calderon-Margalit, Susan Harlap, and Yehiel Friedlander 1964

Health Status of Long-term Cancer Survivors: Results from an Australian Population-Based Sample. Elizabeth G. Eakin, Danny R. Youlden, Peter D. Baade, Sheleigh P. Lawler, Marina M. Reeves, Jane S. Heyworth, and Lin Fritschi 1969


Short Communications


Haplotype-Based Association Studies of IGFBP1 and IGFBP3 with Prostate and Breast Cancer Risk: The Multiethnic Cohort. Iona Cheng, Kathryn L. Penney, Daniel O. Stram, Loic Le Marchand, Elena Giorgi, Christopher A. Haiman, Laurence N. Kolonel, Malcolm Pike, Joel Hirschhorn, Brian E. Henderson, and Matthew L. Freedman 1993

Fruit and Vegetable Consumption and Incidence of Gastric Cancer: A Prospective Study. Susanna C. Larsson, Leif Bergkvist, and Alicja Wolk 1998


Null Results in Brief


No Association between Serum Insulin-Like Growth Factor (IGF)-I, IGF-Binding Protein-3, and Lung Cancer Risk. Jiyoung Ahn, Stephanie J. Weinstein, Kirk Snyder, Michael N. Pollak, Jarmo Virtamo, and Demetrius Albanes 2010

Maternal Androgen and Estrogen Concentrations Are Not Associated with Blood Pressure Changes in Uncomplicated Pregnancies. Rebecca Troisi, Lars Vatten, Robert N. Hoover, James M. Roberts, Bernard F. Cole, and Nancy Potischman 2013

Correction 2016

Instructions for Authors i–iv