Editorials


Infant Leukemia: Finding the Needle in the Haystack. Logan G. Spector and Julie A. Ross ...................................................... 2331

Hypothesis/Commentary

Hypoxia-Inducible Factor 1 as a Possible Target for Cancer Chemoprevention. Miguel López-Lázaro ........................................ 2332

Research Articles

Infant Acute Leukemia and Maternal Exposures during Pregnancy. Maria S. Pombo-de-Oliveira, Sergio Koifman, and Brazilian Collaborative Study Group of Infant Acute Leukemia .................................................. 2336

Risk of Multiple Myeloma following Medication Use and Medical Conditions: A Case-Control Study in Connecticut Women. Ola Landgren, Yawei Zhang, Sheila Hoar Zahm, Peter Inskip, Tongzhang Zheng, and Dalsu Baris .................................................................................. 2342

Body Mass Index, Abnormal Glucose Metabolism, and Mortality from Hematopoietic Cancer. Brian C-H. Chiu, Susan M. Gapstur, Philip Greenland, Renwei Wang, and Alan Dyer ................................................................. 2348

Toxicant Exposure in Cigarette Reducers versus Light Smokers. Dorothy K. Hatsukami, Chap T. Le, Ying Zhang, Anne M. Joseph, Marc E. Mooney, Steven G. Carmella, and Stephen S. Hecht ........................................................................ 2355

The Association of Physical Activity with Lung Cancer Incidence in a Cohort of Older Women: The Iowa Women’s Health Study. Penny Sinner, Aaron R. Folsom, Lisa Harnack, Lynn E. Eberly, and Kathryn H. Schmitz .................................................................................. 2359

Association of Genetic Variants of O6-Methylguanine-DNA Methyltransferase with Risk of Lung Cancer in Non-Hispanic Whites. Luo Wang, Hongji Liu, Zhengdong Zhang, Margaret R. Spitz, and Qingyi Wei ................................................................. 2364


Mass Spectrometric Quantitation of Nicotine, Cotinine, and 4-(Methylnitrosamino)-1-(3-Pyridyl)-1-Butanol in Human Toenails. Irina Stepanov, Rachel Feuer, Joni Jensen, Dorothy Hatsukami, and Stephen S. Hecht .................................................................................. 2378

XRCC1, XRCC3, and XPD Polymorphisms as Modifiers of the Effect of Smoking and Alcohol on Colorectal Adenoma Risk. Mariana C. Stern, Kimberly D. Siegmund, David V. Conti, Román Corral, and Robert W. Haile ........................................................................ 2384

Metabolic Abnormalities and Risk for Colorectal Cancer in the Physicians’ Health Study. Til Stürmer, Julie E. Buring, I-Min Lee, J. Michael Gaziano, and Robert J. Glynn ........................................................................ 2391


Usefulness of Body Mass Index as a Sufficient Adiposity Measurement for Sex Hormone Concentration Associations in Postmenopausal Women. Somdat Mahabir, David J. Baer, Laura L. Johnson, Terry J. Hartman, Joanne F. Dorgan, William S. Campbell, Beverly A. Clevendine, and Philip R. Taylor .......................... 2502

A Prospective Study of the Transient Decrease in Ovarian Cancer Risk Following Childbirth. Qin Liu, Mats Lambe, Inkyung Baik, Sven Cnattingius, Tomas Riman, Anders Ekbom, Hans-Olov Adami, and Chung-Cheng Hsieh .......................... 2508

Lead, Genetic Susceptibility, and Risk of Adult Brain Tumors. Preetha Rajaraman, Patricia A. Stewart, Jonathan M. Samet, Brian S. Schwartz, Martha S. Linet, Sheila Hoar Zahm, Nathaniel Rothman, Meredith Yeager, Howard A. Fine, Peter M. Black, Jay Loeffler, William R. Shapiro, Robert G. Selker, and Peter D. Inskip .......................... 2514


Polymorphisms in the DNA Repair Genes XPC, XPD, and XPG and Risk of Cutaneous Melanoma: a Case-Control Analysis. Chunying Li, Zhibin Hu, Zhensheng Liu, Li-E Wang, Li-E Wang, Sara S. Strom, Jeffrey E. Gershewald, Jeffrey E. Lee, Merrill I. Ross, Paul F. Mansfield, Janice N. Cormier, Victor G. Prieto, Madeleine Duvic, Elizabeth A. Grimm, and Qingyi Wei .......................... 2526

Short Communications

Accuracy of Multiplexed Illumina Platform-Based Single-Nucleotide Polymorphism Genotyping Compared between Genomic and Whole Genome Amplified DNA Collected from Multiple Sources. Randi A. Paynter, Danica R. Skibola, Christine F. Skibola, Patricia A. Buffler, Joseph L. Wiemels, and Martyn T. Smith .......................... 2533

Comprehensive Analysis of 22 XPC Polymorphisms and Bladder Cancer Risk. Sei Chung Sak, Jennifer H. Barrett, Alan B. Paul, D. Timothy Bishop, and Anne E. Kiltie .......................... 2537


Prolonged Prevention of Squamous Cell Carcinoma of the Skin by Regular Sunscreen Use. Jolieke C. van der Pols, Gail M. Williams, Nirmala Pandeya, Valerie Logan, and Adèle C. Green .......................... 2546

Vitamin D Receptor Genotypes/Haplotypes and Prostate Cancer Risk. Mine S. Cicek, Xin Liu, Fredrick R. Schumacher, Graham Casey, and John S. Witte .......................... 2549

The Importance of Cytologic Intrarater and Interrater Reproducibility: the Case of Ductal Lavage. Kala Visvanathan, Deborah Santor, Syed Z. Ali, In Soon Hong, Nancy E. Davidson, and Kathy J. Helzlsouer .......................... 2553

Cigarette Smoking and Survival after Ovarian Cancer Diagnosis. Christina M. Nagle, Christopher J. Bain, and Penelope M. Webb .......................... 2557


Digital Image Analysis of Cigarette Filter Stains as an Indicator of Compensatory Smoking. Andrew A. Strasser, Richard J. O’Connor, Marc E. Mooney, and E. Paul Wileyto .......................... 2565
Null Results in Brief

Cytochrome P450 1B1 and Catechol-O-Methyltransferase Genetic Polymorphisms and Endometrial Cancer Risk in Chinese Women. Meng Hua Tao, Qiuyin Cai, Wang Hong Xu, Nobuhiko Kataoka, Wanqing Wen, Wei Zheng, Yong Bing Xiang, Zuo-Feng Zhang, and Xiao Ou Shu ................................. .2570

No Association between Dietary Phytoestrogens and Risk of Premenopausal Breast Cancer in a French Cohort Study. Marina S. Touillaud, Anne C.M. Thiébaut, Maryvonne Niravong, Marie-Christine Boutron-Ruault, and Françoise Clavel-Chapelon ................................................................. .2574

Acknowledgment to Reviewers .................................................................................. .2577

Instructions for Authors ............................................................................................. i–iv
Cancer Epidemiology, Biomarkers & Prevention

15 (12)


Updated version  Access the most recent version of this article at: http://cebp.aacrjournals.org/content/15/12

E-mail alerts  Sign up to receive free email-alerts related to this article or journal.

Reprints and Subscriptions  To order reprints of this article or to subscribe to the journal, contact the AACR Publications Department at pubs@aacr.org.

Permissions  To request permission to re-use all or part of this article, contact the AACR Publications Department at permissions@aacr.org.