Commentaries

Is Sunlight Important to Melanoma Causation? Margaret A. Tucker .................................................. 467

Are We Overemphasizing Sun Avoidance in Protection from Melanoma? David Wartman and Martin Weinstock .......... 469

Hypothesis/Commentary

Ancestry Estimation and Correction for Population Stratification in Molecular Epidemiologic Association Studies, Jill S. Barnholtz-Sloan, Brian McEvoy, Mark D. Shriver, and Timothy R. Rebbeck ........................................ 471

Prostate Cancer, Serum Parathyroid Hormone, and the Progression of Skeletal Metastases. Gary G. Schwartz ......... 478

Review

Issues of Diagnostic Review in Brain Tumor Studies: From the Brain Tumor Epidemiology Consortium. Faith G. Davis, Beatrice S. Malmer, Ken Aldape, Jill S. Barnholtz-Sloan, Melissa L. Bondy, Thomas Brännström, Janet M. Bruner, Peter C. Burger, V. Peter Collins, Peter D. Inskeep, Carol Kruchko, Bridget J. McCarthy, Roger E. McLendon, Siegal Sadetzki, Tarik Tihan, Margaret R. Wrench, and Patricia A. Buffler ............. 484

Minireview

Genetic Polymorphisms and Head and Neck Cancer Outcomes: A Review. Jessica Hopkins, David W. Cescon, Darren Tse, Penelope Bradbury, Wei Xu, Clement Ma, Paul Wheatley-Price, John Waldron, David Goldstein, Francois Meyer, Isabelle Bairati, and Geoffrey Liu ........................................ 490

Research Articles

Cancer Risk in Children with Birth Defects and in Their Families: A Population Based Cohort Study of 5.2 Million Children from Norway and Sweden. Tone Bjørge, Sven Cnattingius, Rolv Terje Lie, Steinar Tretli, and Anders Engeland ........................................ 500

DNA Repair Gene XPD Polymorphisms and Cancer Risk: A Meta-analysis Based on 56 Case-Control Studies. Fan Wang, Dong Chang, Fu-lan Hu, Hong Sui, Bing Han, Dan-dan li, and Ya-shuang Zhao. ........................................ 507


Polymorphisms of Genes in the Lipid Metabolism Pathway and Risk of Biliary Tract Cancers and Stones: A Population-Based Case-Control Study in Shanghai, China. Gabriella Andreotti, Jinbo Chen, Yu-Tang Gao, Asif Rashid, Bingshu E. Chen, Philip Rosenberg, Lori C. Sakoda, Jie Deng, Ming-Chang Shen, Bing-Sheng Wang, Tian-Quan Han, Bai-He Zhang, Meredith Yeager, Robert Welch, Stephen Chanock, Joseph F. Fraumeni, Jr., and Ann W. Hsing ........................................ 525


Association between Tortilla Consumption and Human Urinary Fumonisin B1 Levels in a Mexican Population. Yun Yun Gong, Luisa Torres-Sanchez, Lizbeth Lopez-Carrillo, Jian He Peng, Anne E. Sutcliffe, Kay L. White, Hans-Ulrich Humpf, Paul C. Turner, and Christopher P. Wild ........................................688

Gilbert’s Syndrome and Irinotecan Toxicity: Combination with UDP-Glucuronosyltransferase 1A7 Variants Increases Risk. Tim O. Lankisch, Christoph Schulz, Thomas Zwingers, Thomas J. Erichsen, Michael P. Manns, Volker Heinemann, and Christian P. Strassburg ........................................695

Short Communications

Association of Genetic Variants at 8q24 with Breast Cancer Risk. Olivia Fletcher, Nichola Johnson, Lorna Gibson, Ben Coupland, Agnes Fraser, Angela Leonard, Isabel dos Santos Silva, Alan Ashworth, Richard Houlston, and Julian Peto ........................................702


Coffee, Tea, Colas, and Risk of Epithelial Ovarian Cancer. Yoon Ju Song, Alan R. Kristal, Kristine G. Wicklund, Kara L. Cushing-Haugen, and Mary Anne Rossing ........................................712


Metabolism of the Tobacco-Specific Carcinogen 4-(Methylnitrosamino)-1-(3-Pyridyl)-1-Butanone to Its Biomarker Total NNAL in Smokeless Tobacco Users. Stephen S. Hecht, Steven G. Carmella, Irina Stepanov, Joni Jensen, Amanda Anderson, and Dorothy K. Hatakami ........................................732

Null Results in Brief

No Association between hOGG1, XRCC1, and XPD Polymorphisms and Risk of Reflux Esophagitis, Barrett’s Esophagus, or Esophageal Adenocarcinoma: Results from the Factors Influencing the Barrett’s Adenocarcinoma Relationship Case-Control Study. Heather R. Ferguson, Christopher P. Wild, Lesley A. Anderson, Seamus J. Murphy, Brian T. Johnston, Liam J. Murray, R.G. Peter Watson, Jim McGuigan, John V. Reynolds, and Laura J. Hardie ........................................736

Letters to the Editor

“Intention to Analyze” in Pharmacogenomics Studies. ........................................740

Changes in Breast Cancer Incidence Rates. ........................................742

Correction ........................................743

Information for Authors ........................................i–iv