CEBP Focus: Nicotine and Tobacco-Control Research


Intermediate Outcomes from Project MYTRI: Mobilizing Youth for Tobacco-Related Initiatives in India. Melissa H. Stigler, Cheryl L. Perry, Monika Arora, Radhika Shrivastav, Charu Mathur, and K. Srinath Reddy ............ 1050

Genetic and Environmental Sources of Variation in Heart Rate Response to Infused Nicotine in Twins. Gary E. Swan, Christina N. Lessov-Schlaggar, Ruth E. Krasnow, Kirk C. Wilhelmsen, Peyton Jacob III, and Neal L. Benowitz ................................................................. 1057

Association of COMT Val108/158Met Genotype with Smoking Cessation in a Nicotine Replacement Therapy Randomized Trial. Elaine C. Johnstone, Katherine M. Elliot, Sean P. David, Michael F.G. Murphy, Robert T. Walton, and Marcus R. Munafò ................................................................. 1065

The Cigarette Controversy. K. Michael Cummings, Anthony Brown, and Richard O’Connor ......................... 1070

The Future of Tobacco-Control Research. Glen D. Morgan, Cathy L. Backinger, and Scott J. Leischow ......................... 1077

Commentaries

Parkinson’s Disease and Cancer. Roberto Zanetti, Stefano Rosso, and Dora I. Loria ................................................................. 1081

Heightened Risk of Breast Cancer Following Pregnancy: Could Lasting Systemic Immune Alterations Contribute? Keren Shakhar, Heiddis B. Valdimarsdottir, and Dana H. Bovbjerg ................................................................. 1082

Review

The Role of Osteopontin in Tumor Progression and Metastasis in Breast Cancer. Lígia R. Rodrigues, José A. Teixeira, Fernando L. Schmitt, Marie Paulsson, and Helena Lindmark-Månsson ................................................................. 1087

Research Articles


Human Papillomavirus Prevalence and Type Distribution in Male Anogenital Sites and Semen. Carrie M. Nielson, Roberto Flores, Robin B. Harris, Martha Abrahamsen, Mary R. Papenfuss, Eileen F. Dunne, Lauri E. Markowitz, and Anna R. Giuliano ................................................................. 1107

Supplemental and Dietary Vitamin E Intakes and Risk of Prostate Cancer in a Large Prospective Study.
Margaret E. Wright, Stephanie J. Weinstein, Karla A. Lawson, Demetrius Albanes, Amy F. Subar, L. Beth Dixon, Traci Mouv, Arthur Schatzkin, and Michael F. Leitzmann ................................................................. 1121

Effect of Delays in Processing Blood Samples on Measured Endogenous Plasma Sex Hormone Levels in Women. Michael E. Jones, Elizabeth J. Folkerd, Deborah A. Doody, Jhangir Iqbal, Mitch Dowsett, Alan Ashworth, and Anthony J. Swerdlow ................................................................. 1136

Association of Polymorphisms in One-Carbon Metabolism Genes and Postmenopausal Breast Cancer Incidence. Victoria L. Stevens, Marjorie L. McCullough, Alexandre L. Pavluck, Jeffrey T. Talbot, Heather S. Feigelson, Michael J. Thun, and Eugenia E. Calle ................................................................. 1140

Comparison of a New and Existing Method of Mammographic Density Measurement: Intramethod Reliability and Associations with Known Risk Factors. Valerie A. McCormack, Ralph Highnam, Nicholas Perry, and Isabel dos Santos Silva ................................................................. 1148

Associations of Circulating C-Reactive Protein and Interleukin-6 with Survival in Women with and without Cancer: Findings from the British Women’s Heart and Health Study. Katrina Heinikal, Shah Ebrahim, Ann Rumley, Gordon Lowe, and Debbie A. Lawlor ................................................................. 1155

Different Risk Factor Profiles for Mucinous and Nonmucinous Ovarian Cancer: Results from the Danish MALOVA Study. Marie Soegaard, Allan Jensen, Estrid Høgdall, Lise Christensen, Claus Høgdall, Jan Blaakær, and Susanne K. Kjaer ................................................................. 1160

Exposure to Magnetic Fields and Survival after Diagnosis of Childhood Leukemia: A German Cohort Study. Anne Louise Svendsen, Thomas Weihkopf, Peter Kaatsch, and Joachim Schüz ................................................................. 1167

MDR1 Gene Variants, Indoor Insecticide Exposure, and the Risk of Childhood Acute Lymphoblastic Leukemia. Kevin Y. Urayama, John K. Wiencke, Patricia A. Buffler, Anand P. Chokkalingam, Catherine Metayer, and Joseph L. Wiemels ................................................................. 1172

Promoter Hypermethylation of Tumor Suppressor Genes in Urine from Patients with Cervical Neoplasia. Qinghua Feng, Stephen E. Hawes, Joshua E. Stern, Amadou Dem, Papa Salif Sow, Birama Dembele, Papa Toure, Pavel Sova, Peter W. Laird, and Nancy B. Kiviat ................................................................. 1178

Trisecile Single Nucleotide Polymorphisms and Genotyping Error in Genetic Epidemiology Studies: MDR1 (ABCB1) G2677/T/A as an Example. Claudia Hüebner, Ivonne Petermann, Brian L. Browning, Andrew N. Shelling, and Lynnette R. Ferguson ................................................................. 1185

Path Analysis of Biomarkers of Exposure and Early Biological Effects among Coke-Oven Workers Exposed to Polycyclic Aromatic Hydrocarbons. Li Qiu, Shuguang Leng, Zhongxu Wang, Yufen Dai, Yuxin Zheng, and Zengzhen Wang ................................................................. 1193


The Angiotensin II/Angiotensin II Receptor System Correlates with Nodal Spread in Intestinal Type Gastric Cancer. Christoph Röcken, Friedrich-Wilhelm Röhl, Eva Diebler, Uwe Lendeckel, Matthias Pross, Stacy Carl-McGrath, and Matthias P.A. Ebert ................................................................. 1206

Prospective Cohort Study of Green Tea Consumption and Colorectal Cancer Risk in Women. Gong Yang, Xiao-Ou Shu, Honglan Li, Wong-Ho Chow, Bu-Tian Ji, Xianglan Zhang, Yu-Tang Gao, and Wei Zheng .................................................. 1219

Low-Positive Antibody Titer against Helicobacter pylori Cytotoxin-Associated Gene A (CagA) May Predict Future Gastric Cancer Better Than Simple Seropositivity against H. pylori CagA or against H. pylori. Gen Suzuki, Harry Cullings, Saeko Fujiwara, Nobuaki Hattori, Shinsuke Matsuura, Masayuki Hakoda, Masazumi Akahoshi, Kazunori Kodama, and Eiichi Tahara .................................................. 1224

Allergy-Related Polymorphisms Influence Glioma Status and Serum IgE Levels. Joseph L. Wiemels, John K. Wiencke, Karl T. Kelsey, Michelle Moghadassi, Terri Rice, Kevin Y. Urayama, Rei Miike, and Margaret Wrensch .................................................. 1229

Associations between Smoking, Polymorphisms in Polycyclic Aromatic Hydrocarbon (PAH) Metabolism and Conjugation Genes and PAH-DNA Adducts in Prostate Tumors Differ by Race. Nora L. Nock, Deliang Tang, Andrew Rundle, Christine Neslund-Dudas, Adnan T. Saver, Cathryn H. Bock, Kristin G. Monaghan, Allison Koprowski, Nicoleta Mitra, James J. Yang, and Benjamin A. Rybicki .................................................. 1236

Phase I Dose Escalation Pharmacokinetic Study in Healthy Volunteers of Resveratrol, a Potential Cancer Chemopreventive Agent. David J. Boocock, Guy E.S. Faust, Ketan R. Patel, Anna M. Schinas, Victoria A. Brown, Murray P. Ducharme, Tristan D. Booth, James A. Crowell, Marjorie Perloff, Andreas J. Gescher, William P. Steward, and Dean E. Brenner .................................................. 1246

Serum and Dietary Vitamin E in Relation to Prostate Cancer Risk. Stephanie J. Weinstein, Margaret E. Wright, Karla A. Lawson, Kirk Snyder, Satu Mannistö, Philip R. Taylor, Jarmo Virtamo, and Demetrios Albanes .................................................. 1253

A Prospective Cohort Study of Cancer Incidence Following the Diagnosis of Parkinson’s Disease. Jane A. Driver, Giancarlo Logroscino, Julie E. Buring, J. Michael Gaziano, and Tobias Kurth .................................................. 1260


Arsenic Metabolism, Genetic Susceptibility, and Risk of Premalignant Skin Lesions in Bangladesh. Habibul Ahsan, Yu Chen, Muhammad G. Kibriya, Vesna Slavkovich, Fanque Parvez, Farzana Jasmine, Mary V. Gamble, and Joseph H. Graziano .................................................. 1270

Short Communications


Sun Exposure and Prostate Cancer Risk: Evidence for a Protective Effect of Early-Life Exposure. Esther M. John, Jocelyn Koo, and Gary G. Schwartz .................................................. 1283


A Multifaceted Intervention to Increase Cervical Cancer Screening among Underserved Korean Women. Carolyn Y. Fang, Grace X. Ma, Yin Tan, and Nungja Chi ................................................................. 1298

Null Results in Brief


Dietary Iron and Heme Iron Intake and Risk of Breast Cancer: A Prospective Cohort Study. Geoffrey C. Kabat, Anthony B. Miller, Meera Jain, and Thomas E. Rohan ................................................................. 1306

MIC1 and IL1RN Genetic Variation and Advanced Prostate Cancer Risk. Iona Cheng, Lisa M. Krumroy, Sarah J. Plummer, Graham Casey, and John S. Witte .................................................................................. 1309

CYP2B6 Genotype Does Not Alter Nicotine Metabolism, Plasma Levels, or Abstinence with Nicotine Replacement Therapy. Anna M. Lee, Christopher Jepson, Peter G. Shields, Neal Benowitz, Caryn Lerman, and Rachel F. Tyndale ................................................................. 1312

Insulin Resistance–Related Gene Polymorphisms and Risk of Prostate Cancer. Steven C. Moore, Michael F. Leitzmann, Stephanie J. Weinstein, Kirk Snyder, Demetrius Albanes, Jarmo Virtamo, Barry I. Graubard, Susan T. Mayne, Herbert Yu, Ulrike Peters, and Marc J. Gunter .................................................................................. 1315

Lack of Effect Modification between Estrogen Metabolism Genotypes and Combined Hormone Replacement Therapy in Postmenopausal Breast Cancer Risk. Timothy R. Rebbeck, Andrea B. Troxel, Ekaterina G. Shatalova, Rebecca Blanchard, Sandra Norman, Greta Bunin, Angela DeMichele, Rita Schinnar, Jesse A. Berlin, and Brian L. Strom ................................................................. 1318

Letters to the Editor

Abandon neither the Food Frequency Questionnaire nor the Dietary Fat-Breast Cancer Hypothesis. .................... 1321

Antibiotics and Breast Cancer. .................................................................................................................................................. 1322

Instructions for Authors .................................................................................................................................................. i–iv