

## CEBP Focus: Nicotine and Tobacco-Control Research

- Why Smoking Prevention Programs Sometimes Fail. Does Effectiveness Depend on Sociocultural Context and Individual Characteristics?** C. Anderson Johnson, Steven Cen, Peggy Gallaher, Paula H. Palmer, Lin Xiao, Anamara Ritt-Olson, and Jennifer B. Unger .....1043
- 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* Val<sup>108/158</sup>Met 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

- Genetic Variation in H2AFX Contributes to Risk of Non-Hodgkin Lymphoma.** Karen L. Novik, John J. Spinelli, Amy C. MacArthur, Karey Shumansky, Payal Sipahimalani, Stephen Leach, Agnes Lai, Joseph M. Connors, Randy D. Gascoyne, Richard P. Gallagher, and Angela R. Brooks-Wilson .....1098
- 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
- Polymorphisms in Oxidative Stress-Related Genes Are Not Associated with Prostate Cancer Risk in Heavy Smokers.** Ji-Yeob Choi, Marian L. Neuhaus, Matt Barnett, Matthew Hudson, Alan R. Kristal, Mark Thornquist, Irena B. King, Gary E. Goodman, and Christine B. Ambrosone .....1115

<b>Serum Insulin-like Growth Factor (IGF)-I and IGF-Binding Protein-3 Concentrations and Prostate Cancer Risk: Results from the European Prospective Investigation into Cancer and Nutrition.</b> Naomi E. Allen, Timothy J. Key, Paul N. Appleby, Ruth C. Travis, Andrew W. Roddam, Sabina Rinaldi, Lars Egevad, Sabine Rohrmann, Jakob Linseisen, Tobias Pischon, Heiner Boeing, Nina Føns Johnsen, Anne Tjønneland, Henning Grønbaek, Kim Overvad, Lambartus Kiemeny, H. Bas Bueno-de-Mesquita, Sheila Bingham, Kay Tee Khaw, Rosario Tumino, Franco Berrino, Amalia Mattiello, Carlotta Sacerdote, Domenico Palli, José Ramón Quirós, Eva Ardanaz, Carmen Navarro, Nerea Larrañaga, Carlos Gonzalez, Maria-José Sanchez, Antonia Trichopoulou, Cryssoula Travezea, Dimitrios Trichopoulos, Mazda Jenab, Pietro Ferrari, Elio Riboli, and Rudolf Kaaks . . . . .	.1121
<b>Supplemental and Dietary Vitamin E Intakes and Risk of Prostate Cancer in a Large Prospective Study.</b> Margaret E. Wright, Stephanie J. Weinstein, Karla A. Lawson, Demetrius Albanes, Amy F. Subar, L. Beth Dixon, Traci Mouw, Arthur Schatzkin, and Michael F. Leitzmann . . . . .	.1128
<b>Effect of Delays in Processing Blood Samples on Measured Endogenous Plasma Sex Hormone Levels in Women.</b> Michael E. Jones, Elizabeth J. Folkert, Deborah A. Doody, Jhangir Iqbal, Mitch Dowsett, Alan Ashworth, and Anthony J. Swerdlow . . . . .	.1136
<b>Association of Polymorphisms in One-Carbon Metabolism Genes and Postmenopausal Breast Cancer Incidence.</b> Victoria L. Stevens, Marjorie L. McCullough, Alexandre L. Pavluck, Jeffrey T. Talbot, Heather S. Feigelson, Michael J. Thun, and Eugenia E. Calle . . . . .	.1140
<b>Comparison of a New and Existing Method of Mammographic Density Measurement: Intramethod Reliability and Associations with Known Risk Factors.</b> Valerie A. McCormack, Ralph Highnam, Nicholas Perry, and Isabel dos Santos Silva . . . . .	.1148
<b>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.</b> Katriina Heikkilä, Shah Ebrahim, Ann Rumley, Gordon Lowe, and Debbie A. Lawlor . . . . .	.1155
<b>Different Risk Factor Profiles for Mucinous and Nonmucinous Ovarian Cancer: Results from the Danish MALOVA Study.</b> Marie Soegaard, Allan Jensen, Estrid Høgdall, Lise Christensen, Claus Høgdall, Jan Blaaekær, and Susanne K. Kjaer . . . . .	.1160
<b>Exposure to Magnetic Fields and Survival after Diagnosis of Childhood Leukemia: A German Cohort Study.</b> Anne Louise Svendsen, Thomas Wehkopf, Peter Kaatsch, and Joachim Schüz . . . . .	.1167
<b>MDR1 Gene Variants, Indoor Insecticide Exposure, and the Risk of Childhood Acute Lymphoblastic Leukemia.</b> Kevin Y. Urayama, John K. Wiencke, Patricia A. Buffler, Anand P. Chokkalingam, Catherine Metayer, and Joseph L. Wiemels . . . . .	.1172
<b>Promoter Hypermethylation of Tumor Suppressor Genes in Urine from Patients with Cervical Neoplasia.</b> 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
<b>Triallelic Single Nucleotide Polymorphisms and Genotyping Error in Genetic Epidemiology Studies: MDR1 (ABCB1) G2677/T/A as an Example.</b> Claudia Hüebner, Ivonne Petermann, Brian L. Browning, Andrew N. Shelling, and Lynnette R. Ferguson . . . . .	.1185
<b>Path Analysis of Biomarkers of Exposure and Early Biological Effects among Coke-Oven Workers Exposed to Polycyclic Aromatic Hydrocarbons.</b> Li Qiu, Shuguang Leng, Zhongxu Wang, Yufei Dai, Yuxin Zheng, and Zengzhen Wang . . . . .	.1193
<b>Clinical Biology of Esophageal Adenocarcinoma after Surgery Is Influenced by Nuclear Factor-<math>\kappa</math>B Expression.</b> Julie G. Izzo, Usha Malhotra, Tsung-Teh Wu, Rajalakshmi Luthra, Arlene M. Correa, Stephen G. Swisher, Wayne Hofstetter, K.S. Clifford Chao, Mien-Chie Hung, and Jaffer A. Ajani . . . . .	.1200
<b>The Angiotensin II/Angiotensin II Receptor System Correlates with Nodal Spread in Intestinal Type Gastric Cancer.</b> Christoph Röcken, Friedrich-Wilhelm Röhl, Eva Diebler, Uwe Lendeckel, Matthias Pross, Stacy Carl-McGrath, and Matthias P.A. Ebert . . . . .	.1206

<b>Acceleration to Death from Liver Cancer in People with Hepatitis B Viral Mutations Detected in Plasma by Mass Spectrometry.</b> Jian Guo Chen, Shuang Yuan Kuang, Patricia A. Egner, Jian Hua Lu, Yuan Rong Zhu, Jin Bing Wang, Bao Chu Zhang, Tao Yang Chen, Alvaro Muñoz, Thomas W. Kensler, and John D. Groopman	.1213
<b>Prospective Cohort Study of Green Tea Consumption and Colorectal Cancer Risk in Women.</b> Gong Yang, Xiao-Ou Shu, Honglan Li, Wong-Ho Chow, Bu-Tian Ji, Xianglan Zhang, Yu-Tang Gao, and Wei Zheng	.1219
<b>Low-Positive Antibody Titer against <i>Helicobacter pylori</i> Cytotoxin-Associated Gene A (CagA) May Predict Future Gastric Cancer Better Than Simple Seropositivity against <i>H. pylori</i> CagA or against <i>H. pylori</i>.</b> Gen Suzuki, Harry Cullings, Saeko Fujiwara, Nobuaki Hattori, Shinsuke Matsuura, Masayuki Hakoda, Masazumi Akahoshi, Kazunori Kodama, and Eiichi Tahara	.1224
<b>Allergy-Related Polymorphisms Influence Glioma Status and Serum IgE Levels.</b> Joseph L. Wiemels, John K. Wiencke, Karl T. Kelsey, Michelle Moghadassi, Terri Rice, Kevin Y. Urayama, Rei Miike, and Margaret Wrensch	.1229
<b>Associations between Smoking, Polymorphisms in Polycyclic Aromatic Hydrocarbon (PAH) Metabolism and Conjugation Genes and PAH-DNA Adducts in Prostate Tumors Differ by Race.</b> Nora L. Nock, Deliang Tang, Andrew Rundle, Christine Neslund-Dudas, Adnan T. Savera, Cathryn H. Bock, Kristin G. Monaghan, Allison Koprowski, Nicoleta Mittrache, James J. Yang, and Benjamin A. Rybicki	.1236
<b>Phase I Dose Escalation Pharmacokinetic Study in Healthy Volunteers of Resveratrol, a Potential Cancer Chemopreventive Agent.</b> 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
<b>Serum and Dietary Vitamin E in Relation to Prostate Cancer Risk.</b> Stephanie J. Weinstein, Margaret E. Wright, Karla A. Lawson, Kirk Snyder, Satu Männistö, Philip R. Taylor, Jarmo Virtamo, and Demetrius Albanes	.1253
<b>A Prospective Cohort Study of Cancer Incidence Following the Diagnosis of Parkinson's Disease.</b> Jane A. Driver, Giancarlo Logroscino, Julie E. Buring, J. Michael Gaziano, and Tobias Kurth	.1260
<b>Risk of Germ Cell Tumors among Men with HIV/Acquired Immunodeficiency Syndrome.</b> James J. Goedert, Mark P. Purdue, Timothy S. McNeel, Katherine A. McGlynn, and Eric A. Engels, for the HIV/AIDS Cancer Match Study	.1266
<b>Arsenic Metabolism, Genetic Susceptibility, and Risk of Premalignant Skin Lesions in Bangladesh.</b> Habibul Ahsan, Yu Chen, Muhammad G. Kibriya, Vesna Slavkovich, Faruque Parvez, Farzana Jasmine, Mary V. Gamble, and Joseph H. Graziano	.1270

## Short Communications

<b>Blood Folate Levels and Risk of Liver Damage and Hepatocellular Carcinoma in a Prospective High-Risk Cohort.</b> Tania M. Welzel, Hormuzd A. Katki, Lori C. Sakoda, Alison A. Evans, W. Thomas London, Gang Chen, Sean O'Broin, Fu-Min Shen, Wen-Yao Lin, and Katherine A. McGlynn	.1279
<b>Sun Exposure and Prostate Cancer Risk: Evidence for a Protective Effect of Early-Life Exposure.</b> Esther M. John, Jocelyn Koo, and Gary G. Schwartz	.1283
<b>Family History and the Risk of Kidney Cancer: a Multicenter Case-control Study in Central Europe.</b> Rayjean J. Hung, Lee Moore, Paolo Boffetta, Bing-Jian Feng, Jorge R. Toro, Nathaniel Rothman, David Zaridze, Marie Navratilova, Vladimir Bencko, Vladimir Janout, Helena Kollarova, Neonila Szeszenia-Dabrowska, Dana Mates, Wong-Ho Chow, and Paul Brennan	.1287
<b>Within-Individual Stability of Obesity-Related Biomarkers among Women.</b> Robert C. Kaplan, Gloria Y.F. Ho, XiaoNan Xue, Swapnil Rajpathak, Mary Cushman, Thomas E. Rohan, Howard D. Strickler, Philipp E. Scherer, and Kathryn Anastos	.1291

**Association between Germline Variation in the *FHIT* Gene and Prostate Cancer in Caucasians and African Americans.** Albert M. Levin, Anna M. Ray, Kimberly A. Zuhlke, Julie A. Douglas, and Kathleen A. Cooney .....1294

**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**

**Lack of Association of Transforming Growth Factor- $\beta$ 1 Polymorphisms and Haplotypes with Prostate Cancer Risk in the Prostate, Lung, Colorectal, and Ovarian Trial.** Daehee Kang, Kyoung-Mu Lee, Sue Kyung Park, Sonja I. Berndt, Douglas Reding, Nilanjan Chatterjee, Robert Welch, Stephen Chanock, Wen-Yi Huang, and Richard B. Hayes .....1303

**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*

# Cancer Epidemiology, Biomarkers & Prevention

16 (6)

*Cancer Epidemiol Biomarkers Prev* 2007;16:1043-1323.

**Updated version** Access the most recent version of this article at:  
<http://cebp.aacrjournals.org/content/16/6>

**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](mailto:pubs@aacr.org).

**Permissions** To request permission to re-use all or part of this article, use this link <http://cebp.aacrjournals.org/content/16/6>. Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.