

## Editorial

- A Note from the New Editor-in-Chief. Timothy R. Rebbeck .....2203
- Colorectal Cancer Screening: Confusion Reigns. Peter Lance .....2205

## Hypothesis/Commentary

- Family-Based Samples Can Play an Important Role in Genetic Association Studies. Ethan M. Lange, Jieli Sun, Leslie A. Lange, S. Lilly Zheng, David Duggan, John D. Carpten, Henrik Gronberg, William B. Isaacs, Jianfeng Xu, and Bao-Li Chang .....2208

## Meeting Report

- Linking Tobacco Control Policies and Practices to Early Cancer Endpoints: Surveillance as an Agent for Change. Anne M. Hartman, Michael J. Thun, and Rachel Ballard-Barbash for the Organizing Committee .....2215

## Point/Counterpoint

- Folic Acid Supplementation and Cancer Risk: Point. Young-In Kim .....2220
- Folate and Cancer Prevention—Where to Next? Counterpoint. Cornelia M. Ulrich .....2226

## Research Articles

- Construct Validity and Invariance of Four Factors Associated with Colorectal Cancer Screening across Gender, Race, and Prior Screening. Amy McQueen, Jasmin A. Tiro, and Sally W. Vernon .....2231
- Mortality among HIV-1- and Human Herpesvirus Type 8-Affected Mother-Infant Pairs in Zambia. Janet Wojcicki, Mulindi Mwanahamuntu, Veenu Minhas, Boris Djokic, Chipepo Kankasa, Winslow Klaskala, Brad Brayfield, Saul Phiri, Charles Wood, and Charles D. Mitchell .....2238
- Plasma Alkylresorcinols and Urinary Alkylresorcinol Metabolites as Biomarkers of Cereal Fiber Intake in Finnish Women. Mylène Aubertin-Leheudre, Anja Koskela, Annukka Marjamaa, and Herman Adlercreutz .....2244
- Discovery of Novel Biomarkers in Oral Submucous Fibrosis by Microarray Analysis. Ning Li, Xinchun Jian, Yanjia Hu, Chunjiao Xu, Zhigang Yao, and Xiaohuan Zhong .....2249
- Promoter Hypermethylation of the *p16* Gene Is Associated with Poor Prognosis in Recurrent Early-Stage Hepatocellular Carcinoma. Eunkyung Ko, Yujin Kim, Sung-Joo Kim, Jae-Won Joh, SangYong Song, Cheol-Keun Park, Joobae Park, and Duk-Hwan Kim .....2260
- A Pilot Study of Compositional Analysis of the Breast and Estimation of Breast Mammographic Density Using Three-Dimensional T<sub>1</sub>-Weighted Magnetic Resonance Imaging. Michael Khazen, Ruth M.L. Warren, Caroline R.M. Boggis, Emilie C. Bryant, Sadie Reed, Iqbal Warsi, Linda J. Pointon, Gek E. Kwan-Lim, Deborah Thompson, Ros Eeles, Doug Easton, D. Gareth Evans, and Martin O. Leach for the Collaborators in the United Kingdom Medical Research Council Magnetic Resonance Imaging in Breast Screening (MARIBS) Study .....2268
- Differential Expression of Parathyroid Hormone-Related Protein in Adrenocortical Tumors: Autocrine/Paracrine Effects on the Growth and Signaling Pathways in H295R Cells. Marthe Rizk-Rabin, Guillaume Assie, Fernande Rene-Corail, Karine Perlemoine, Hinda Hamzaoui, Frédérique Tissier, Michele Lieberherr, Xavier Bertagna, Jerome Bertherat, and Zhor Bouizar .....2275

<b>Prognostic Value of Signal Transducers and Activators of Transcription 3 in Breast Cancer.</b> Shyr-Ming Sheen-Chen, Chao-Cheng Huang, Rei-Ping Tang, Fong-Fu Chou, and Hock-Liew Eng . . . . .	<b>.2286</b>
<b>Myeloperoxidase-Positive Cell Infiltration in Colorectal Carcinogenesis as Indicator of Colorectal Cancer Risk.</b> Luca Roncucci, Erika Mora, Francesco Mariani, Serena Bursi, Annalisa Pezzi, Giuseppina Rossi, Monica Pedroni, Davide Luppi, Luisa Santoro, Sebastiano Monni, Antonio Manenti, Angela Bertani, Alberto Merighi, Piero Benatti, Carmela Di Gregorio, and Maurizio Ponz de Leon . . . . .	<b>.2291</b>
<b>Residential Traffic Density and Childhood Leukemia Risk.</b> Julie Von Behren, Peggy Reynolds, Robert B. Gunier, Rudolph P. Rull, Andrew Hertz, Kevin Y. Urayama, Daniel Kronish, and Patricia A. Buffler . . . . .	<b>.2298</b>
<b>Serum Calcium and Incident and Fatal Prostate Cancer in the National Health and Nutrition Examination Survey.</b> Halcyon G. Skinner and Gary G. Schwartz . . . . .	<b>.2302</b>
<b>Genomic DNA Methylation among Women in a Multiethnic New York City Birth Cohort.</b> Mary Beth Terry, Jennifer S. Ferris, Richard Pilsner, Julie D. Flom, Parisa Tehranifar, Regina M. Santella, Mary V. Gamble, and Ezra Susser . . . . .	<b>.2306</b>
<b>Urinary Lead Exposure and Breast Cancer Risk in a Population-Based Case-Control Study.</b> Jane A. McElroy, Martin M. Shafer, Ronald E. Gangnon, Luis A. Crouch, and Polly A. Newcomb . . . . .	<b>.2311</b>
<b>Sun Exposure and the Incidence of Melanocytic Nevi in Young Australian Children.</b> Simone Lee Harrison, Robert MacLennan, and Petra Gertraud Buettner . . . . .	<b>.2318</b>
<b>Height and Prostate Cancer Risk: A Large Nested Case-Control Study (ProtecT) and Meta-analysis.</b> Luisa Zuccolo, Ross Harris, David Gunnell, Steven Oliver, Jane Athene Lane, Michael Davis, Jenny Donovan, David Neal, Freddie Hamdy, Rebecca Beynon, Jelena Savovic, and Richard Michael Martin . . . . .	<b>.2325</b>
<b>Estrogen plus Progestin and Risk of Benign Proliferative Breast Disease.</b> Thomas E. Rohan, Abdissa Negassa, Rowan T. Chlebowski, Norman L. Lasser, Anne McTiernan, Robert S. Schenken, Mindy Ginsberg, Sylvia Wassertheil-Smoller, and David L. Page . . . . .	<b>.2337</b>
<b>Placental Weight and Risk of Invasive Epithelial Ovarian Cancer with an Early Age of Onset.</b> Sven Cnattingius, Sandra Eloranta, Hans-Olov Adami, Ove Axelsson, Paul W. Dickman, Chung-cheng Hsieh, Lorelei A. Mucci, Dimitrios Trichopoulos, Mats Lambe, and Anna L.V. Johansson . . . . .	<b>.2344</b>
<b>Descriptive Evidence That Risk Profiles for Cervical Intraepithelial Neoplasia 1, 2, and 3 Are Unique.</b> Suzanne Belinson, Jennifer S. Smith, Evan Myers, Andrew Olshan, Jerome Belinson, Robert Pretorius, You-lin Qiao, and Katherine Hartmann . . . . .	<b>.2350</b>
<b>Age-Incidence Curves of Nasopharyngeal Carcinoma Worldwide: Bimodality in Low-Risk Populations and Aetiologic Implications.</b> Freddie Bray, Marion Haugen, Tron A. Moger, Steinar Tretli, Odd O. Aalen, and Tom Grotmol . . . . .	<b>.2356</b>
<b>Genetic Susceptibility to Renal Cell Carcinoma: The Role of DNA Double-Strand Break Repair Pathway.</b> Vitaly Margulis, Jie Lin, Hushan Yang, Wei Wang, Christopher G. Wood, and Xifeng Wu . . . . .	<b>.2366</b>
<b>Sexually Transmissible Infections and Prostate Cancer Risk.</b> Wen-Yi Huang, Richard Hayes, Ruth Pfeiffer, Raphael P. Viscidi, Francis K. Lee, Yun F. Wang, Douglas Reding, Denise Whitby, John R. Papp, and Charles S. Rabkin . . . . .	<b>.2374</b>
<b>Domestic and Farm-Animal Exposures and Risk of Non-Hodgkin's Lymphoma in a Population-Based Study in the San Francisco Bay Area.</b> Gregory J. Tranah, Paige M. Bracci, and Elizabeth A. Holly . . . . .	<b>.2382</b>
<b>Repair of UV Dimers in Skin DNA of Patients with Basal Cell Carcinoma.</b> Dan Segerbäck, Malgorzata Strozzyk, Erna Snellman, and Kari Hemminki . . . . .	<b>.2388</b>
<b>Genetic Variation in Genes for the Xenobiotic-Metabolizing Enzymes <i>CYP1A1</i>, <i>EPHX1</i>, <i>GSTM1</i>, <i>GSTT1</i>, and <i>GSTP1</i> and Susceptibility to Colorectal Cancer in Lynch Syndrome.</b> Mala Pande, Christopher I. Amos, Daniel R. Osterwisch, Jinyun Chen, Patrick M. Lynch, Russell Broadbudd, and Marsha L. Frazier . . . . .	<b>.2393</b>
<b>Genetic Polymorphisms of the <i>E-Cadherin</i> Promoter and Risk of Sporadic Gastric Carcinoma in Chinese Populations.</b> Baozhen Zhang, Kaifeng Pan, Zhaojun Liu, Jing Zhou, Liankun Gu, Jiafu Ji, Junling Ma, Wei-cheng You, and Dajun Deng . . . . .	<b>.2402</b>

<b>MTHFR Genotype and Colorectal Adenoma Recurrence: Data from a Double-blind Placebo-controlled Clinical Trial.</b> A. Joan Levine, Kristin Wallace, Shirley Tsang, Robert W. Haile, Fred Saibil, Dennis Ahnen, Bernard F. Cole, Elizabeth L. Barry, David J. Munroe, Iqbal U. Ali, Per Ueland, and John A. Baron	.2409
<b>Tumor Necrosis Factor Alpha Extended Haplotypes and Risk of Gastric Carcinoma.</b> Paulo Canedo, Cecília Durães, Fábio Pereira, Gonçalo Regalo, Nuno Lunet, Henrique Barros, Fátima Carneiro, Raquel Seruca, Jorge Rocha, and José C. Machado	.2416
<b>Methylene Tetrahydrofolate Reductase Genotype Modifies the Chemopreventive Effect of Folate in Colorectal Adenoma, but not Colorectal Cancer.</b> Tracy J. Lightfoot, Jennifer H. Barrett, Timothy Bishop, Emma L. Northwood, Gillian Smith, Murray J.V. Wilkie, Robert J.C. Steele, Francis A. Carey, Tim J. Key, Roland Wolf, and David Forman	.2421
<b>Common 8q24 Sequence Variations Are Associated with Asian Indian Advanced Prostate Cancer Risk.</b> Ying-Cai Tan, Charnita Zeigler-Johnson, Rama D. Mittal, Anil Mandhani, Balraj Mital, Timothy R. Rebbeck, and Hanna Rennert	.2431
<b>Talc Use, Variants of the <i>GSTM1</i>, <i>GSTT1</i>, and <i>NAT2</i> Genes, and Risk of Epithelial Ovarian Cancer.</b> Margaret A. Gates, Shelley S. Tworoger, Kathryn L. Terry, Linda Titus-Ernstoff, Bernard Rosner, Immaculata De Vivo, Daniel W. Cramer, and Susan E. Hankinson	.2436
<b>Benzo(a)pyrene Diol Epoxide-Induced Chromosome 9p21 Aberrations Are Associated with Increased Risk of Bladder Cancer.</b> Jian Gu, Yohei Horikawa, Meng Chen, Colin P. Dinney, and Xifeng Wu	.2445
<b>Association of Prostate-Specific Antigen Promoter Genotype with Clinical and Histopathologic Features of Prostate Cancer.</b> Scott D. Cramer, Jieli Sun, S. Lilly Zheng, Jianfeng Xu, and Donna M. Peehl	.2451
<b>Physical Activity in Relation to Total, Advanced, and Fatal Prostate Cancer.</b> Steven C. Moore, Tricia M. Peters, Jiyoung Ahn, Yikyung Park, Arthur Schatzkin, Demetrius Albanes, Rachel Ballard-Barbash, Albert Hollenbeck, and Michael F. Leitzmann	.2458
<b>Associations of Lifestyle and Physiologic Factors with Prostate-Specific Antigen Concentrations: Evidence from the National Health and Nutrition Examination Survey (2001–2004).</b> Niyati Parekh, Yong Lin, Stephen Marcella, Ashima K. Kant, and Grace Lu-Yao	.2467
<b>Personal Background and Cognitive Factors as Predictors of the Intention to be Screened for Stomach Cancer.</b> Myung-II Hahm, Kui Son Choi, Eun-Cheol Park, Min-Son Kwak, Hoo-Yeon Lee, and Seung Sik Hwang	.2473
<b>Effects of Personal Characteristics on Serum CA125, Mesothelin, and HE4 Levels in Healthy Postmenopausal Women at High-Risk for Ovarian Cancer.</b> Kimberly A. Lowe, Chirag Shah, Erin Wallace, Garnet Anderson, Pamela Paley, Martin McIntosh, M. Robyn Andersen, Nathalie Scholler, Lindsay Bergan, Jason Thorpe, Nicole Urban, and Charles W. Drescher	.2480
<b>Immunohistochemical Level of Unsulfated Chondroitin Disaccharides in the Cancer Stroma Is an Independent Predictor of Prostate Cancer Relapse.</b> Andrew J. Sakko, Miriam S. Butler, Sharon Byers, Betty J. Reinboth, Jürgen Stahl, James G. Kench, Lisa G. Horvath, Robert L. Sutherland, Phillip D. Stricker, Susan M. Henshall, Willis R. Marshall, Wayne D. Tilley, David J. Horsfall, and Carmela Ricciardelli	.2488
<b>Age and Severity of Mucosal Lesions Influence the Performance of Serologic Markers in <i>Helicobacter pylori</i>-Associated Gastroduodenal Pathologies.</b> Margarita Camorlinga-Ponce, Lourdes Flores-Luna, Eduardo Lazcano-Ponce, Rolando Herrero, Fernando Bernal-Sahagún, Juan Miguel Abdo-Francis, Jesús Aguirre-García, Nubia Muñoz, and Javier Torres	.2498
<b>Null Results in Brief</b>	
<b>Vitamin D Pathway Polymorphisms in Relation to Mammographic Breast Density.</b> Caroline Diorio, Marc Sinotte, Jacques Brisson, Sylvie Bérubé, and Michael Pollak	.2505
<b>Tamoxifen Treatment in Danish Breast Cancer Patients and 5-Year Risk of Arterial Atherosclerotic Events: A Null Association.</b> Rohini K. Hernandez, Henrik Toft Sørensen, Jacob Jacobsen, Lars Pedersen, and Timothy L. Lash	.2509

<b>Mitochondrial Genetic Polymorphisms Do Not Predict Survival in Patients with Pancreatic Cancer.</b> Thorvardur R. Halfdanarson, Liang Wang, William R. Bamlet, Mariza de Andrade, Robert R. McWilliams, Julie M. Cunningham, and Gloria M. Petersen .....	<b>.2512</b>
<b>No Association of <i>MMP-7</i>, <i>MMP-8</i>, and <i>MMP-21</i> Polymorphisms with the Risk of Hepatocellular Carcinoma in a Chinese Population.</b> Wei Qiu, Gangqiao Zhou, Yun Zhai, Xiumei Zhang, Weimin Xie, Hongxing Zhang, Hao Yang, Lianteng Zhi, Xiaoyan Yuan, Xiaoi Zhang, and Fuchu He .....	<b>.2514</b>
<b>Fruit and Vegetable Consumption and Risk of Bladder Cancer: A Prospective Cohort Study.</b> Susanna C. Larsson, Swen-Olof Andersson, Jan-Erik Johansson, and Alicja Wolk .....	<b>.2519</b>

# Cancer Epidemiology, Biomarkers & Prevention

AACR American Association  
for Cancer Research

17 (9)

*Cancer Epidemiol Biomarkers Prev* 2008;17:2203-2522.

**Updated version** Access the most recent version of this article at:  
<http://cebp.aacrjournals.org/content/17/9>

**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/17/9>. Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.