

## Editorials

- Ontogeny of Gene Expression: A Changing Environment for Malignancy.** Logan G. Spector, Anthony J. Hooten, and Julie A. Ross .....1021
- Improving Completeness and Quality of Epidemiologic Study Publications.** Thomas A. Sellers .....1024
- Statins, Breast Cancer, and an Invisible Switch?** Tim Byers .....1026

## Research Articles

- Estrogen Receptor–Negative Breast Cancer Is Less Likely to Arise among Lipophilic Statin Users.** Anjali S. Kumar, Christopher C. Benz, Veronica Shim, Christina A. Minami, Dan H. Moore, and Laura J. Esserman .....1028
- Urinary Metalloproteinases: Noninvasive Biomarkers for Breast Cancer Risk Assessment.** Susan E. Pories, David Zurakowski, Roopali Roy, Carolyn C. Lamb, Sughra Raza, Alexis Exarhopoulos, Rochelle G. Scheib, Susan Schumer, Corrine Lenahan, Virginia Borges, Gwendolyn W. Louis, Ankur Anand, Nina Isakovich, Judi Hirshfield-Bartek, Ulla Wewer, Margaret M. Lotz, and Marsha A. Moses .....1034
- Association between Transillumination Breast Spectroscopy and Quantitative Mammographic Features of the Breast.** Kristina M. Blackmore, Julia A. Knight, and L. Lilge .....1043
- DNA Methylation in Benign Breast Epithelium in Relation to Age and Breast Cancer Risk.** David M. Euhus, Dawei Bu, Sara Milchgrub, Xian-Jin Xie, Aihua Bian, A. Marilyn Leitch, and Cheryl M. Lewis .....1051
- FGFR2 Is a Breast Cancer Susceptibility Gene in Jewish and Arab Israeli Populations.** Leon Raskin, Mila Pinchev, Chana Arad, Flavio Lejbkowitz, Ada Tamir, Hedy S. Rennert, Gad Rennert, and Stephen B. Gruber .....1060
- Polymorphisms in Steroid Hormone Biosynthesis Genes and Risk of Breast Cancer and Fibrocystic Breast Conditions in Chinese Women.** Lori C. Sakoda, Christie Blackston, Jennifer A. Doherty, Roberta M. Ray, Ming Gang Lin, Helge Stalsberg, Dao Li Gao, Ziding Feng, David B. Thomas, and Chu Chen .....1066
- Evaluating the Effectiveness of Using Standard Mammogram Form to Predict Breast Cancer Risk: Case-Control Study.** Jane Ding, Ruth Warren, Iqbal Warsi, Nick Day, Deborah Thompson, Michael Brady, Christopher Tromans, Ralph Highnam, and Douglas Easton .....1074
- Effect Modification by Catalase Genotype Suggests a Role for Oxidative Stress in the Association of Hormone Replacement Therapy with Postmenopausal Breast Cancer Risk.** Sylvia K. Quick, Peter G. Shields, Jing Nie, Mary E. Platek, Susan E. McCann, Alan D. Hutson, Maurizio Trevisan, Dominica Vito, Ramakrishna Modali, Teresa A. Lehman, Mike Seddon, Stephen B. Edge, Catalin Marian, Paola Muti, and Jo L. Freudenheim .....1082
- Nonsteroidal Anti-inflammatory Drugs and Change in Mammographic Density: A Cohort Study Using Pharmacy Records on Over 29,000 Postmenopausal Women.** Mary Beth Terry, Diana S.M. Buist, Amy Trentham-Dietz, Tamarra M. James-Todd, and Yuyan Liao .....1088
- Prognostic Role of Detection Method and Its Relationship with Tumor Biomarkers in Breast Cancer: The University of Texas M. D. Anderson Cancer Center Experience.** Wenli Dong, Donald A. Berry, Therese B. Bevers, Shu-Wan Kau, Limin Hsu, Richard L. Theriault, and Yu Shen .....1096
- Vitamin D Receptor Expression in Normal, Premalignant, and Malignant Human Lung Tissue.** Ravi J. Menezes, Richard T. Cheney, Aliya Husain, Maria Tretiakova, Gregory Loewen, Candace S. Johnson, Vijay Jayaprakash, Kirsten B. Moysich, Ravi Salgia, and Mary E. Reid .....1104

|   |       |
|---|-------|
| <b>Cytokinesis-Blocked Micronucleus Cytome Assay Biomarkers Identify Lung Cancer Cases Amongst Smokers.</b><br>Randa A. El-Zein, Michael Fenech, Mirtha S. Lopez, Margaret R. Spitz, and Carol J. Etzel   | .1111 |
| <b>CYP1A1, GSTM1, and GSTT1 Polymorphisms, Smoking, and Lung Cancer Risk in a Pooled Analysis among Asian Populations.</b> Kyoung-Mu Lee, Daehee Kang, Margie L. Clapper, Magnus Ingelman-Sundberg, Masko Ono-Kihara, Chikako Kiyohara, Shen Min, Qing Lan, Loic Le Marchand, Pinpin Lin, Maria Li Lung, Hatice Pinarbasi, Paola Pisani, Petcharin Srivatanakul, Adeline Seow, Haruhiko Sugimura, Shinkan Tokudome, Jun Yokota, and Emanuela Taioli                                 | .1120 |
| <b>Matrix Metalloproteinase 1 (MMP1) Is Associated with Early-Onset Lung Cancer.</b> Wiebke Sauter, Albert Rosenberger, Lars Beckmann, Silke Kropp, Kirstin Mittelstrass, Maria Timofeeva, Gabi Wölke, Angelika Steinwachs, Daniela Scheiner, Eckart Meese, Gerhard Sybrecht, Florian Kronenberg, Hendrik Dienemann, The LUCY-Consortium, Jenny Chang-Claude, Thomas Illig, Heinz-Erich Wichmann, Heike Bickeböller, and Angela Risch   | .1127 |
| <b>A 22-year Prospective Study of Fish, n-3 Fatty Acid Intake, and Colorectal Cancer Risk in Men.</b> Megan N. Hall, Jorge E. Chavarro, I-Min Lee, Walter C. Willett, and Jing Ma   | .1136 |
| <b>Variation in the Selenoenzyme Genes and Risk of Advanced Distal Colorectal Adenoma.</b> Ulrike Peters, Nilanjan Chatterjee, Richard B. Hayes, Robert E. Schoen, Yinghui Wang, Stephen J. Chanock, and Charles B. Foster  | .1144 |
| <b>Aberrant Crypt Focus Size Predicts Distal Polyp Histopathology.</b> Jae Kim, Jennie Ng, Ahsan Arozullah, Ronald Ewing, Xavier Llor, Robert E. Carroll, and Richard V. Benya  | .1155 |
| <b>A 9-Year Follow-up Study of Participants and Nonparticipants in Sigmoidoscopy Screening: Importance of Self-Selection.</b> Johannes Blom, Li Yin, Annika Lidén, Anders Dolk, Bengt Jeppsson, Lars Pählman, Lars Holmberg, and Olof Nyrén   | .1163 |
| <b>Aspirin, Nonsteroidal Anti-inflammatory Drugs, and the Risks of Cancers of the Esophagus.</b> Shahram Sadeghi, Christopher J. Bain, Nirmala Pandeya, Penelope M. Webb, Adèle C. Green, and David C. Whiteman for the Australian Cancer Study   | .1169 |
| <b>Development of an Empirically Calibrated Model of Gastric Cancer in Two High-Risk Countries.</b> Jennifer M. Yeh, Karen M. Kuntz, Majid Ezzati, Chin Hur, Chung Yin Kong, and Sue J. Goldie  | .1179 |
| <b>Helicobacter pylori Infection and Development of Pancreatic Cancer.</b> Catherine de Martel, Augusto E. Llosa, Gary D. Friedmana, Joseph H. Vogelmann, Norman Orentreich, Rachael Z. Stolzenberg-Solomon, and Julie Parsonnet  | .1188 |
| <b>Functional Polymorphisms in Folate Metabolism Genes Influence the Risk of Meningioma and Glioma.</b> Lara Bethke, Emily Webb, Anne Murray, Minouk Schoemaker, Maria Feychting, Stefan Lönn, Anders Ahlbom, Beatrice Malmer, Roger Henriksson, Anssi Auvinen, Anne Kiuru, Tiina Salminen, Christoffer Johansen, Helle Collatz Christensen, Kenneth Muir, Patricia McKinney, Sarah Hepworth, Polyxeni Dimitropoulou, Artitaya Lophatananon, Anthony Swerdlow, and Richard Houlston | .1195 |
| <b>Multiple Independent Genetic Variants in the 8q24 Region Are Associated with Prostate Cancer Risk.</b> Claudia A. Salinas, Erika Kwon, Christopher S. Carlson, Joseph S. Koopmeiners, Ziding Feng, Danielle M. Karyadi, Elaine A. Ostrander, and Janet L. Stanford   | .1203 |
| <b>Body Mass Index, Physical Activity, and Bladder Cancer in a Large Prospective Study.</b> Corinna Koebnick, Dominique Michaud, Steven C. Moore, Yikyung Park, Albert Hollenbeck, Rachel Ballard-Barbash, Arthur Schatzkin, and Michael F. Leitzmann   | .1214 |
| <b>Teeth Loss and Risk of Cancer at 14 Common Sites in Japanese.</b> Akio Hiraki, Keitaro Matsuo, Takeshi Suzuki, Takakazu Kawase, and Kazuo Tajima   | .1222 |
| <b>Low Serum Levels of 25-Hydroxyvitamin D Predict Fatal Cancer in Patients Referred to Coronary Angiography.</b> Stefan Pilz, Harald Dobnig, Brigitte Winklhofer-Roob, Gunter Riedmüller, Joachim E. Fischer, Ursula Seelhorst, Britta Wellnitz, Bernhard O. Boehm, and Winfried März  | .1228 |
| <b>Effects of Baseline Comorbidities on Cancer Screening Trial Adherence among Older African American Men.</b> Marvella E. Ford, Suzanne L. Havstad, Maya E. Fields, Brandy Manigo, Beth McClary, and Lois Lamerato   | .1234 |
| <b>Direct Genotyping of Single Nucleotide Polymorphisms in Methyl Metabolism Genes Using Probe-Free High-Resolution Melting Analysis.</b> Lasse S. Kristensen and Alexander Dobrovic  | .1240 |

**A Comparison of Linear Array and Hybrid Capture 2 for Detection of Carcinogenic Human Papillomavirus and Cervical Precancer in ASCUS-LSIL Triage Study.** Patti E. Gravitt, Mark Schiffman, Diane Solomon, Cosette M. Wheeler, and Philip E. Castle .....1248

**Measurement of Tobacco Smoke Exposure: Comparison of Toenail Nicotine Biomarkers and Self-Reports.** Wael K. Al-Delaimy and Walter C. Willett .....1255

**High Levels of Carcinogenic Polycyclic Aromatic Hydrocarbons in Mate Drinks.** Farin Kamangar, Michele M. Schantz, Christian C. Abnet, Renato B. Fagundes, and Sanford M. Dawsey .....1262

**Biochemical Markers for Monitoring Response to Therapy: Evidence for Higher Bone Specificity by a Novel Marker Compared with Routine Markers.** Diana Julie Leeming, Axel Hegele, Inger Byrjalsen, Rainer Hofmann, Per Qvist, Morten Asser Karsdal, Andres Jan Schrader, Reinhold Wagner, and Peter Olbert .....1269

## **Short Communications**

**Long-term Anti-inflammatory and Antihistamine Medication Use and Adult Glioma Risk.** Michael E. Scheurer, Randa El-Zein, Patricia A. Thompson, Kenneth D. Aldape, Victor A. Levin, Mark R. Gilbert, Jeffrey S. Weinberg, and Melissa L. Bondy .....1277

**Alcohol Consumption and the Risk for Prostate Cancer in the European Prospective Investigation into Cancer and Nutrition.** Sabine Rohrmann, Jakob Linseisen, Timothy J. Key, Majken K. Jensen, Kim Overvad, Nina Føns Johnsen, Anne Tjønneland, Rudolf Kaaks, Manuela M. Bergmann, Cornelia Weikert, Androniki Naska, Antonia Trichopoulou, Dimitrios Trichopoulos, Valeria Pala, Carlotta Sacerdote, Domenico Palli, Rosario Tumino, H. Bas Bueno-de-Mesquita, Alina Vrieling, Carlos A. González, Nerea Larrañaga, Carmen Navarro, Aurelio Barricarte, J. Ramon Quiros, Carmen Martínez-García, Göran Hallmans, Pär Stattin, Jonas Manjer, Elisabet Wirfält, Sheila Bingham, Key-Tee Khaw, Lars Egevad, Pietro Ferrari, Mazda Jenab, and Elio Riboli .....1282

**Differences in Baseline Characteristics and Outcomes at 1- and 2-Year Follow-up of Cancer Survivors Accrued via Self-Referral versus Cancer Registry in the FRESH START Diet and Exercise Trial.** Denise Clutter Snyder, Richard Sloane, David Lobach, Isaac M. Lipkus, Bercedis Peterson, William Kraus, and Wendy Demark-Wahnefried .....1288

## **Letters to the Editor**

**Aspartame and Incidence of Brain Malignancies.** Devra Lee Davis, Leanne Ganter, and Jonathan Weinkle .....1295

# BLOOD CANCER DISCOVERY

**17 (5)**

*Cancer Epidemiol Biomarkers Prev* 2008;17:1021-1296.

**Updated version** Access the most recent version of this article at:  
<http://cebp.aacrjournals.org/content/17/5>

**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/17/5>.  
Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.