

### Highlights of This Issue 2113

#### TRANSDISCIPLINARY SCIENCE

- 2115 | **Context-Dependent Effects of Genome-Wide Association Study Genotypes and Macroenvironment on Time to Biochemical (Prostate Specific Antigen) Failure after Prostatectomy**  
Timothy R. Rebbeck, Anita L. Weber, Amy H. Walker, Klara Stefflova, Teo V. Tran, Elaine Spangler, Bao-Li Chang, and Charnita M. Zeigler-Johnson

#### RESEARCH ARTICLES

- 2124 | **Prostate Cancer Susceptibility Variants Confer Increased Risk of Disease Progression**  
Iona Cheng, Sarah J. Plummer, Christine Neslund-Dudas, Eric A. Klein, Graham Casey, Benjamin A. Rybicki, and John S. Witte

- 2133 | **ST14 Gene Variant and Decreased Matriptase Protein Expression Predict Poor Breast Cancer Survival**  
Jaana M. Kauppinen, Veli-Matti Kosma, Ylermi Soini, Reijo Sironen, Minna Nissinen, Timo K. Nykopp, Vesa Kärjä, Matti Eskelinen, Vesa Kataja, and Arto Mannermaa

- 2143 | **Missense Variants in ATM in 26,101 Breast Cancer Cases and 29,842 Controls**  
Olivia Fletcher, Nichola Johnson, Isabel dos Santos Silva, Nick Orr, Alan Ashworth, Heli Nevanlinna, Tuomas Heikkinen, Kristiina Aittomäki, Carl Blomqvist, Barbara Burwinkel, Claus R. Bartram, Alfons Meindl, Rita K. Schmutzler, Angela Cox, Ian Brock, Graeme Elliott, Malcolm W.R. Reed, Melissa C. Southey, Letitia Smith, Amanda B. Spurdle, John L. Hopper, Fergus J. Couch, Janet E. Olson, Xianshu Wang, Zachary Fredericksen, Peter Schürmann, Regina Waltes, Michael Bremer, Thilo Dörk, Peter Devilee, Christie J. van Asperen, Rob A.E.M. Tollenaar, Caroline Seynaeve, Per Hall, Kamila Czene, Keith Humphreys, Jianjun Liu, Shahana Ahmed, Alison M. Dunning, Melanie Maranian,

Paul D.P. Pharoah, Georgia Chenevix-Trench; for the kConFab Investigators and the AOCs Group, Jonathan Beesley, Natalia V. Bogdanova, Natalia N. Antonenkova, Iosif V. Zalutsky, Hoda Anton-Culver, Argyrios Ziogas, Hiltrud Brauch, Yon-Dschun Ko, Ute Hamann; for the GENICA Consortium, Peter A. Fasching, Reiner Strick, Arif B. Ekici, Matthias W. Beckmann, Graham G. Giles, Gianluca Severi, Laura Baglietto, Dallas R. English, Roger L. Milne, Javier Benítez, José Ignacio Arias, Guillermo Pita, Børge G. Nordestgaard, Stig E. Bojesen, Henrik Flyger, Daehee Kang, Keun-Young Yoo, Dong Young Noh, Arto Mannermaa, Vesa Kataja, Veli-Matti Kosma, Montserrat García-Closas, Stephen Chanock, Jolanta Lissowska, Louise A. Brinton, Jenny Chang-Claude, Shan Wang-Gohrke, Annegien Broeks, Marjanka K. Schmidt, Flora E. van Leeuwen, Laura J. Van't Veer, Sara Margolin, Annika Lindblom, Manjeet K. Humphreys, Jonathan Morrison, Radka Platte, Douglas F. Easton, and Julian Peto; for the Breast Cancer Association Consortium

- 2152 | **Genetic Polymorphisms in Adaptive Immunity Genes and Childhood Acute Lymphoblastic Leukemia**  
Jeffrey S. Chang, Joseph L. Wiemels, Anand P. Chokkalingam, Catherine Metayer, Lisa F. Barcellos, Helen M. Hansen, Melinda C. Aldrich, Neela Guha, Kevin Y. Urayama, Ghislaine Scélo, Janet Green, Suzanne L. May, Vincent A. Kiley, John K. Wiencke, and Patricia A. Buffler

- 2164 | **Knowledge and Use of Finasteride for the Prevention of Prostate Cancer**  
Robert J. Hamilton, Leila C. Kahwati, and Linda S. Kinsinger

- 2172 | **A Randomized Trial of a Computer-Tailored Decision Aid to Improve Prostate Cancer Screening Decisions: Results from the Take the Wheel Trial**  
Jennifer D. Allen, Megan K.D. Othus, Alton Hart, Jr., Laura Tom, Yi Li, Donna Berry, and Deborah Bowen

- 2187 **Parental Decision Making about the HPV Vaccine**  
Jennifer D. Allen, Megan K.D. Othus, Rachel C. Shelton, Yi Li, Nancy Norman, Laura Tom, and Marcela G. del Carmen
- 2199 **Predictors of Sun Protection Behaviors and Severe Sunburn in an International Online Study**  
Richard Bränström, Nadine A. Kasparian, Yu-mei Chang, Paul Affleck, Aad Tibben, Lisa G. Aspinwall, Esther Azizi, Orna Baron-Epel, Linda Battistuzzi, Wilma Bergman, William Bruno, May Chan, Francisco Cuellar, Tadeusz Dębniak, Dace Pjanova, Sławomir Ertmański, Adina Figl, Melinda Gonzalez, Nicholas K. Hayward, Marko Hocevar, Peter A. Kanetsky, Sancy A. Leachman, Olita Heisele, Jane Palmer, Barbara Peric, Susana Puig, Dirk Schadendorf, Nelleke A. Gruis, Julia Newton-Bishop, and Yvonne Brandberg
- 2211 **Communication of BRCA Results and Family Testing in 1,103 High-Risk Women**  
Eleanor L. Cheung, Ashley D. Olson, Tina M. Yu, Pamela Z. Han, and Mary S. Beattie
- 2220 **Postdiagnosis Diet Quality Is Inversely Related to a Biomarker of Inflammation among Breast Cancer Survivors**  
Stephanie M. George, Marian L. Neuhaus, Susan T. Mayne, Melinda L. Irwin, Demetrius Albanes, Mitchell H. Gail, Catherine M. Alfano, Leslie Bernstein, Anne McTiernan, Jill Reedy, Ashley W. Smith, Cornelia M. Ulrich, and Rachel Ballard-Barbash
- 2229 **Survival of Women with Colon Cancer in Relation to Precancer Anthropometric Characteristics: the Iowa Women's Health Study**  
Anna E. Prizment, Andrew Flood, Kristin E. Anderson, and Aaron R. Folsom
- 2238 **Serum Mesothelin for Early Detection of Asbestos-Induced Cancer Malignant Mesothelioma**  
Jenette Creaney, Nola J. Olsen, Fraser Brims, Ian M. Dick, Arthur W. Musk, Nicholas H. de Klerk, Steven J. Skates, and Bruce W.S. Robinson
- 2247 **The Screening of Volatile Markers for Hepatocellular Carcinoma**  
Tao Qin, Hu Liu, Qi Song, Geng Song, Hong-zhi Wang, Yue-yin Pan, Fu-xing Xiong, Kang-sheng Gu, Guo-ping Sun, and Zhen-dong Chen
- 2254 **Strategies for Increasing Mammography Screening in Primary Care in Chile: Results of a Randomized Clinical Trial**  
Klaus Püschel, Gloria Coronado, Gabriela Soto, Karla Gonzalez, Javiera Martinez, Sarah Holte, and Beti Thompson
- 2262 **Rapid Mass Spectrometric Metabolic Profiling of Blood Sera Detects Ovarian Cancer with High Accuracy**  
Manshui Zhou, Wei Guan, L. DeEtte Walker, Roman Mezencev, Benedict B. Benigno, Alexander Gray, Facundo M. Fernández, and John F. McDonald
- 2272 **Patient Delay in Presentation of Possible Cancer Symptoms: The Contribution of Knowledge and Attitudes in a Population Sample from the United Kingdom**  
Alice E. Simon, Jo Waller, Kathryn Robb, and Jane Wardle
- 2278 **Variety in Fruit and Vegetable Consumption and the Risk of Lung Cancer in the European Prospective Investigation into Cancer and Nutrition**  
Frederike L. Büchner, H. Bas Bueno-de-Mesquita, Martine M. Ros, Kim Overvad, Christina C. Dahm, Louise Hansen, Anne Tjønneland, Françoise Clavel-Chapelon, Marie-Christine Boutron-Ruault, Marina Touillaud, Rudolf Kaaks, Sabine Rohrmann, Heiner Boeing, Ute Nöthlings, Antonia Trichopoulou, Dimosthenis Zylis, Vardis Dilis, Domenico Palli, Sabina Sieri, Paolo Vineis, Rosario Tumino, Salvatore Panico, Petra H.M. Peeters, Carla H. van Gils, Eiliv Lund, Inger T. Gram, Tonje Braaten, María-José Sánchez, Antonio Agudo, Nerea Larrañaga, Eva Ardanaz, Carmen Navarro, Marcial V. Argüelles, Jonas Manjer, Elisabet Wirfält, Göran Hallmans, Torgny Rasmussen, Tim J. Key, Kay-Tee Khaw, Nick Wareham, Nadia Slimani, Anne-Claire Vergnaud, Wei W. Xun, Lambertus A.L.M. Kiemeneij, and Elio Riboli
- 2287 **Alcohol and Tobacco Use in Relation to Gastric Cancer: A Prospective Study of Men in Shanghai, China**  
Kristin A. Moy, Yunhua Fan, Renwei Wang, Yu-Tang Gao, Mimi C. Yu, and Jian-Min Yuan

- 2298 **Serum IGF-I, IGF-II, IGFBP-3, and IGF-I/IGFBP-3 Molar Ratio and Risk of Pancreatic Cancer in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial**  
Jason B. Douglas, Debra T. Silverman, Michael N. Pollak, Yuzhen Tao, Amr S. Soliman, and Rachael Z. Stolzenberg-Solomon
- 2307 **Metabolic Factors and the Risk of Pancreatic Cancer: A Prospective Analysis of almost 580,000 Men and Women in the Metabolic Syndrome and Cancer Project**  
Dorthe Johansen, Tanja Stocks, Håkan Jonsson, Björn Lindkvist, Tone Björge, Hans Concin, Martin Almquist, Christel Häggström, Anders Engeland, Hanno Ulmer, Göran Hallmans, Randi Selmer, Gabriele Nagel, Steinar Tretli, Pär Stattin, and Jonas Manjer
- 2318 **Asthma, Asthma Medications, and Prostate Cancer Risk**  
Gianluca Severi, Laura Baglietto, David C. Muller, Dallas R. English, Mark A. Jenkins, Michael J. Abramson, Jo A. Douglass, John L. Hopper, and Graham G. Giles
- 2325 **Blood Vitamin D Levels in Relation to Genetic Estimation of African Ancestry**  
Lisa B. Signorello, Scott M. Williams, Wei Zheng, Jeffrey R. Smith, Jirong Long, Qiuyin Cai, Margaret K. Hargreaves, Bruce W. Hollis, and William J. Blot
- 2332 **Selenium-Responsive Proteins in the Sera of Selenium-Enriched Yeast-Supplemented Healthy African American and Caucasian Men**  
Raghu Sinha, Indu Sinha, Nicole Facompre, Stephen Russell, Richard I. Somiari, John P. Richie, Jr., and Karam El-Bayoumy
- 2341 **Serum 25(OH) Vitamin D and Risk of Breast Cancer: A Nested Case-Control Study from the French E3N Cohort**  
Pierre Engel, Guy Fagherazzi, Anne Boutten, Thierry Dupré, Sylvie Mesrine, Marie-Christine Boutron-Ruault, and Françoise Clavel-Chapelon
- 2351 **Plasma Coenzyme Q10 Levels and Postmenopausal Breast Cancer Risk: The Multiethnic Cohort Study**  
Weiwen Chai, Robert V. Cooney, Adrian A. Franke, Yurii B. Shvetsov, Christian P. Caberto, Lynne R. Wilkens, Loïc Le Marchand, Brian E. Henderson, Laurence N. Kolonel, and Marc T. Goodman
- 2357 **Evaluation of Breast Cancer Susceptibility Loci in Chinese Women**  
Jirong Long, Xiao-Ou Shu, Qiuyin Cai, Yu-Tang Gao, Ying Zheng, Guoliang Li, Chun Li, Kai Gu, Wanqing Wen, Yong-Bing Xiang, Wei Lu, and Wei Zheng
- 2366 **Menopausal Hormone Therapy and Subsequent Risk of Specific Invasive Breast Cancer Subtypes in the California Teachers Study**  
Tanmai Saxena, Eunjung Lee, Katherine D. Henderson, Christina A. Clarke, Dee West, Sarah F. Marshall, Dennis Deapen, Leslie Bernstein, and Giske Ursin
- 2379 **Seroprevalence of Antibodies against Human Papillomavirus (HPV) Types 16 and 18 in Four Continents: the International Agency for Research on Cancer HPV Prevalence Surveys**  
Salvatore Vaccarella, Silvia Franceschi, Gary M. Clifford, Antoine Touzé, Charles C. Hsu, Silvia de Sanjosé, Pham Thi Hoang Anh, Nguyen Trong Hieu, Elena Matos, Hai Rim Shin, Sukhon Sukvirach, Jaiye O. Thomas, Latifa Boursaghin, Julien Gaitan, Peter J.F. Snijders, Chris J.L.M. Meijer, Nubia Muñoz, Rolando Herrero, Pierre Coursaget; for the IARC HPV Prevalence Surveys Study Group
- 2389 **Prevalence of Human Papillomavirus Types in High-Grade Cervical Intraepithelial Neoplasia and Cancer in Italy**  
Francesca M. Carozzi, Maria L. Tornesello, Elena Burroni, Giovanna Loquercio, Giuseppe Carillo, Claudio Angeloni, Aurora Scalisi, Rosalba Macis, Francesco Chini, Franco M. Buonaguro, and Paolo Giorgi Rossi; for the HPV Prevalence Italian Working Group
- 2401 **Rising Melanoma Incidence Rates of the Trunk among Younger Women in the United States**  
Porcia T. Bradford, William F. Anderson, Mark P. Purdue, Alisa M. Goldstein, and Margaret A. Tucker

---

2407 | **Selenium and Bladder Cancer Risk:  
a Meta-analysis**  
André F.S. Amaral, Kenneth P. Cantor,  
Debra T. Silverman, and Núria Malats

2416 | **Correction: Esophageal  
Adenocarcinoma Incidence:  
Are We Reaching the Peak?**

2416 | **Correction: Association of  
Folate-Pathway Gene  
Polymorphisms with the Risk  
of Prostate Cancer:  
a Population-Based Nested  
Case-Control Study, Systematic  
Review, and Meta-analysis**

## CORRECTIONS

2416 | **Correction: Effect of Differing  
Levels of Tobacco-Specific  
Nitrosamines in Cigarette Smoke on  
the Levels of Biomarkers in Smokers**

# BLOOD CANCER DISCOVERY

**19 (9)**

*Cancer Epidemiol Biomarkers Prev* 2010;19:2113-2416.

**Updated version** Access the most recent version of this article at:  
<http://cebp.aacrjournals.org/content/19/9>

**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/19/9>. Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.