

# Contents

## Cancer Epidemiology, Biomarkers & Prevention

February 2012 • Volume 21 • Number 2

### Highlights of This Issue 251

#### EDITORIAL

- 253 | **Biospecimens and Biorepositories:  
From Afterthought to Science**  
Jimmie B. Vaught, Marianne K. Henderson,  
and Carolyn C. Compton

#### POINT-COUNTERPOINT

- 256 | **Sharing Individual Research Results  
with Biospecimen Contributors:  
Point**  
Rihab Yassin, Carol Weil, and  
Nicole Lockhart
- 260 | **Sharing Individual Research Results  
with Biospecimen Contributors:  
Counterpoint**  
Ellen Wright Clayton

#### RESEARCH ARTICLES

- 262 | **Estimating Causal Effects of Genetic  
Risk Variants for Breast Cancer  
Using Marker Data from Bilateral  
and Familial Cases**  
Frank Dudbridge, Olivia Fletcher,  
Kate Walker, Nichola Johnson, Nick Orr,  
Isabel dos Santos Silva, and Julian Peto
- 273 | **TLE3 Expression Is Associated with  
Sensitivity to Taxane Treatment in  
Ovarian Carcinoma**  
Goli Samimi, Brian Z. Ring, Doug T. Ross,  
Robert S. Seitz, Robert L. Sutherland,  
Philippa M. O'Brien, Neville F. Hacker, and  
Warner K. Huh
- 280 | **Use of Metformin Is Not Associated  
with a Decreased Risk of Colorectal  
Cancer: A Case-Control Analysis**  
Michael Bodmer, Claudia Becker,  
Christian Meier, Susan S. Jick, and  
Christoph R. Meier
- 287 | **Dried Blood Spot Samples for  
Seroepidemiology of Infections with  
Human Papillomaviruses,  
*Helicobacter pylori*, Hepatitis C  
Virus, and JC Virus**  
Tim Waterboer, Bolormaa Dondog,  
Kristina M. Michael, Angelika Michel,  
Markus Schmitt, Salvatore Vaccarella,  
Silvia Franceschi, Gary Clifford, and  
Michael Pawlita

294 | **History of Diabetes and Risk of Head  
and Neck Cancer: A Pooled Analysis  
from the International Head and  
Neck Cancer Epidemiology  
Consortium**

Marni Stott-Miller, Chu Chen,  
Shu-Chun Chuang, Yuan-Chin Amy Lee,  
Stefania Boccia, Hermann Brenner,  
Gabriela Cadoni, Luigino Dal Maso,  
Carlo La Vecchia, Philip Lazarus, Fabio Levi,  
Keitaro Matsuo, Hal Morgenstern,  
Heiko Müller, Joshua Muscat,  
Andrew F. Olshan, Mark P. Purdue,  
Diego Serraino, Thomas L. Vaughan,  
Zuo-Feng Zhang, Paolo Boffetta, Mia Hashibe,  
and Stephen M. Schwartz

305 | **Coffee, Tea, and Sugar-Sweetened  
Carbonated Soft Drink Intake and  
Pancreatic Cancer Risk: A Pooled  
Analysis of 14 Cohort Studies**

Jeanine M. Genkinger, Ruifeng Li,  
Donna Spiegelman, Kristin E. Anderson,  
Demetrius Albanes, Leif Bergkvist,  
Leslie Bernstein, Amanda Black,  
Piet A. van den Brandt, Dallas R. English,  
Jo L. Freudenheim, Charles S. Fuchs,  
Graham G. Giles, Edward Giovannucci,  
R. Alexandra Goldbohm,  
Pamela L. Horn-Ross, Eric J. Jacobs,  
Anita Koushik, Satu Männistö,  
James R. Marshall, Anthony B. Miller,  
Alpa V. Patel, Kim Robien, Thomas E. Rohan,  
Catherine Schairer,  
Rachael Stolzenberg-Solomon, Alicja Wolk,  
Regina G. Ziegler, and  
Stephanie A. Smith-Warner

319 |  **$\omega$ -3 and  $\omega$ -6 Polyunsaturated Fatty  
Acid Intakes and the Risk of Breast  
Cancer in Mexican Women: Impact of  
Obesity Status**

Véronique Chajès, Gabriela Torres-Mejía,  
Carine Biessy, Carolina Ortega-Olvera,  
Angélica Angeles-Llerenas, Pietro Ferrari,  
Eduardo Lazcano-Ponce, and Isabelle Romieu

327 | **The Impact of Obesity on Follow-Up  
after an Abnormal Screening  
Mammogram**

Ellen A. Schur, Joann E. Elmore, Tracy Onega,  
Karen J. Wernli, Edward A. Sickles, and  
Sebastien Haneuse

- 337 **Serum Macrophage Inhibitory Cytokine-1 (MIC-1/GDF15): A Potential Screening Tool for the Prevention of Colon Cancer?**  
David A. Brown, Kenneth W. Hance, Connie J. Rogers, Leah B. Sansbury, Paul S. Albert, Gwen Murphy, Adeyinka O. Laiyemo, Zhuoqiao Wang, Amanda J. Cross, Arthur Schatzkin, Mark Danta, Preeyaporn Srasuebkul, Janaki Amin, Matthew Law, Samuel N. Breit, and Elaine Lanza
- 347 **A Population-Based Study of Prevalence and Adherence Trends in Average Risk Colorectal Cancer Screening, 1997 to 2008**  
Pamela S. Sinicrope, Ellen L. Goode, Paul J. Limburg, Sally W. Vernon, Joseph B. Wick, Christi A. Patten, Paul A. Decker, Andrew C. Hanson, Christina M. Smith, Timothy J. Beebe, Frank A. Sinicrope, Noralane M. Lindor, Tabetha A. Brockman, L. Joseph Melton III, and Gloria M. Petersen
- 351 **Breast Cancer Screening Trends in the United States and Ethnicity**  
Patricia Y. Miranda, Wassim Tarraf, Patricia González, Michelle Johnson-Jennings, and Hector M. González
- 358 **Workplace-Based Breast Cancer Screening Intervention in China**  
Grace X. Ma, Lihong Yin, Wanzhen Gao, Yin Tan, Ran Liu, Carolyn Fang, and Xiang S. Ma
- 368 **Polymorphic Variation in the GC and CASR Genes and Associations with Vitamin D Metabolite Concentration and Metachronous Colorectal Neoplasia**  
Elizabeth A. Hibler, Chengcheng Hu, Peter W. Jurutka, Maria E. Martinez, and Elizabeth T. Jacobs
- 376 **Variation in Age at Cancer Diagnosis in Familial versus Nonfamilial Barrett's Esophagus**  
Amitabh Chak, Yanwen Chen, Jaime Vengoechea, Marcia I. Canto, Robert Elston, Gary W. Falk, William M. Grady, Kishore Guda, Margaret Kinnard, Sanford Markowitz, Sumeet Mittal, Ganapathy Prasad, Nicholas Shaheen, Joseph E. Willis, and Jill S. Barnholtz-Sloan
- LETTERS TO THE EDITOR**
- 384 **International Liver Cancer Incidence Trends—Letter**  
Katherine A. McGlynn and W. Thomas London
- 386 **International Liver Cancer Incidence Trends—Response**  
Melissa M. Center and Ahmedin Jemal
- 387 **Light Exposure and Melatonin among Rotating Shift Nurses—Letter**  
Thomas C. Erren
- CORRECTION**
- 388 **Correction: Family History, Perceived Risk, and Prostate Cancer Screening among African American Men**

# BLOOD CANCER DISCOVERY

**21 (2)**

*Cancer Epidemiol Biomarkers Prev* 2012;21:251-388.

**Updated version** Access the most recent version of this article at:  
<http://cebp.aacrjournals.org/content/21/2>

**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/21/2>.  
Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.