

Contents

Cancer Epidemiology, Biomarkers & Prevention

December 2012 • Volume 21 • Number 12

Highlights of This Issue 2123

REVIEW

- 2125 **Human Papillomavirus DNA Methylation as a Potential Biomarker for Cervical Cancer**
Megan A. Clarke, Nicolas Wentzensen, Lisa Mirabello, Arpita Ghosh, Sholom Wacholder, Ariana Harari, Attila Lorincz, Mark Schiffman, and Robert D. Burk

RESEARCH ARTICLES

- 2138 **Meat and Heme Iron Intake and Risk of Squamous Cell Carcinoma of the Upper Aero-Digestive Tract in the European Prospective Investigation into Cancer and Nutrition (EPIC)**
Annika Steffen, Manuela M. Bergmann, María-José Sánchez, María-Dolores Chirlaque, Paula Jakszyn, Pilar Amiano, J. Ramón Quirós, Aurelio Barricarte Gurrea, Pietro Ferrari, Isabelle Romieu, Veronika Fedirko, H. B(as). Bueno-de-Mesquita, Peter D. Siersema, Petra H.M. Peeters, Kay-Tee Khaw, Nick Wareham, Naomi E. Allen, Francesca L. Crowe, Guri Skeie, Göran Hallmanns, Ingegerd Johansson, Signe Borgquist, Ulrika Ericson, Rikke Egeberg, Anne Tjønneland, Kim Overvad, Verena Grote, Kuanrong Li, Antonia Trichopoulou, Despoina Oikonomidou, Menelaos Pantzalis, Rosario Tumino, Salvatore Panico, Domenico Palli, Vittorio Krogh, Alessio Naccarati, Traci Mouw, Anne-Claire Vergnaud, Teresa Norat, and Heiner Boeing
- 2149 **A Candidate Molecular Biomarker Panel for the Detection of Bladder Cancer**
Virginia Urquidi, Steve Goodison, Yunpeng Cai, Yijun Sun, and Charles J. Rosser

- 2159 **Are Incidence Rates of Adult Leukemia in the United States Significantly Associated with Birth Cohort?**
Philip S. Rosenberg, Katherine L. Wilson, and William F. Anderson
- 2167 **The Heritability of Mammographic Breast Density and Circulating Sex-Hormone Levels: Two Independent Breast Cancer Risk Factors**
Jajini S. Varghese, Paula L. Smith, Elizabeth Folkerd, Judith Brown, Jean Leyland, Tina Audley, Ruth M.L. Warren, Mitchell Dowsett, Douglas F. Easton, and Deborah J. Thompson
- 2176 **Influence of Quercetin-Rich Food Intake on microRNA Expression in Lung Cancer Tissues**
Tram K. Lam, Stephanie Shao, Yingdong Zhao, Francesco Marincola, Angela Pesatori, Pier Alberto Bertazzi, Neil E. Caporaso, Ena Wang, and Maria Teresa Landi
- 2185 **Prospective Study of *Helicobacter pylori* Biomarkers for Gastric Cancer Risk among Chinese Men**
Meira Epplein, Wei Zheng, Yong-Bing Xiang, Richard M. Peek Jr, Honglan Li, Pelayo Correa, Jing Gao, Angelika Michel, Michael Pawlita, Qiuyin Cai, and Xiao-Ou Shu
- 2193 **Gender Difference in Systemic Oxidative Stress and Antioxidant Capacity in Current and Former Heavy Smokers**
Iman A. Hakim, Robin Harris, Linda Garland, Catherine A. Cordova, Dalia M. Mikhael, and H-H. Sherry Chow
- 2201 **Application of the Rosner-Colditz Risk Prediction Model to Estimate Sexual Orientation Group Disparities in Breast Cancer Risk in a U.S. Cohort of Premenopausal Women**
S. Bryn Austin, Mathew J. Pazaris, Bernard Rosner, Deborah Bowen, Janet Rich-Edwards, and Donna Spiegelman

2209 **Prospective Study on Physical Activity and Risk of *In Situ* Breast Cancer**

Karen Steindorf, Rebecca Ritte, Anne Tjonneland, Nina Føns Johnsen, Kim Overvad, Jane Nautrup Østergaard, Françoise Clavel-Chapelon, Agnès Fournier, Laure Dossus, Annkatrin Lukanova, Jenny Chang-Claude, Heiner Boeing, Angelika Wientzek, Antonia Trichopoulou, Tina Karapetyan, Dimitrios Trichopoulos, Giovanna Masala, Vittorio Krogh, Amalia Mattiello, Rosario Tumino, Silvia Polidoro, José Ramón Quirós, Noémie Travier, María-José Sánchez, Carmen Navarro, Eva Ardanaz, Pilar Amiano, H. Bas Bueno-de-Mesquita, Fränzel J.B. van Duijnhoven, Evelyn Monninkhof, Anne M. May, Kay-Tee Khaw, Nick Wareham, Tim J. Key, Ruth C. Travis, Kristin Benjaminsen Borch, Veronika Fedirko, Sabina Rinaldi, Isabelle Romieu, Petra A. Wark, Teresa Norat, Elio Riboli, and Rudolf Kaaks

2220 **HPV Vaccination among Adolescent Females from Appalachia: Implications for Cervical Cancer Disparities**

Paul L. Reiter, Mira L. Katz, and Electra D. Paskett

2231 **Reduced Overall and Event-Free Survival among Colon Cancer Patients Using Dual System Care**

Elizabeth Tarlov, Todd A. Lee, Thomas W. Weichle, Ramon Durazo-Arvizu, Qiuying Zhang, Ruth Perrin, David Bentrem, and Denise M. Hynes

2242 **A Variable Age of Onset Segregation Model for Linkage Analysis, with Correction for Ascertainment, Applied to Glioma**

Xiangqing Sun, Jaime Vengoechea, Robert Elston, Yanwen Chen, Christopher I. Amos, Georgina Armstrong, Jonine L. Bernstein, Elizabeth Claus, Faith Davis, Richard S. Houlston, Dora Il'yasova, Robert B. Jenkins, Christoffer Johansen, Rose Lai, Ching C. Lau, Yanhong Liu, Bridget J. McCarthy, Sara H. Olson, Siegal Sadetzki, Joellen Schildkraut, Sanjay Shete, Robert Yu, Nicholas A. Vick, Ryan Merrell, Margaret Wrensch, Ping Yang, Beatrice Melin, Melissa L. Bondy, and Jill S. Barnholtz-Sloan, on behalf of the Gliogene Consortium

2252 **Associations between Arsenic Exposure and Global Posttranslational Histone Modifications among Adults in Bangladesh**

Yana Chervona, Megan N. Hall, Adriana Arita, Fen Wu, Hong Sun, Hsiang-Chi Tseng, Eunus Ali, Mohammad Nasir Uddin, Xinhua Liu, Maria Antonietta Zoroddu, Mary V. Gamble, and Max Costa

NULL RESULTS IN BRIEF

2261 **Variation in Genes Related to Obesity, Weight, and Weight Change and Risk of Contralateral Breast Cancer in the WECARE Study Population**

Jennifer D. Brooks, Leslie Bernstein, Sharon N. Teraoka, Julia A. Knight, Lene Mellemejkær, Esther M. John, Kathleen E. Malone, Anne S. Reiner, Charles F. Lynch, Patrick Concannon, Robert W. Haile, and Jonine L. Bernstein for the WECARE Study Collaborative Group

2268 **Common Obesity-Related Genetic Variants and Papillary Thyroid Cancer Risk**

Cari M. Kitahara, Gila Neta, Ruth M. Pfeiffer, Deukwoo Kwon, Li Xu, Neal D. Freedman, Amy A. Hutchinson, Stephen J. Chanock, Erich M. Sturgis, Alice J. Sigurdson, and Alina V. Brenner

2272 **Catenin Family Genes Are Not Commonly Mutated in Hereditary Diffuse Gastric Cancer**

Johanna M. Schuetz, Stephen Leach, Pardeep Kaurah, Jennifer Jeyes, Yaron Butterfield, David Huntsman, and Angela R. Brooks-Wilson

LETTERS TO THE EDITOR

2275 **Screening and Breast Cancer Mortality—Letter**

Robin J. Bell and Robert C. Burton

2276 **Screening and Breast Cancer Mortality—Response**

Carolyn Nickson, Kate E. Mason, Dallas R. English, and Anne M. Kavanagh

CORRECTION

2278

Correction: A Nonsynonymous Polymorphism in *IRS1* Modifies Risk of Developing Breast and Ovarian Cancers in *BRCA1* and Ovarian Cancer in *BRCA2* Mutation Carriers

2279

Acknowledgment to Reviewers

Cancer Epidemiology, Biomarkers & Prevention

21 (12)

Cancer Epidemiol Biomarkers Prev 2012;21:2123-2282.

Updated version Access the most recent version of this article at:
<http://cebp.aacrjournals.org/content/21/12>

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.

Permissions To request permission to re-use all or part of this article, use this link
<http://cebp.aacrjournals.org/content/21/12>.
Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.