## Highlights of This Issue

### REVIEW

**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

**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, Maria-Dolores Chirlaque, Paula Jakszyn, Pilar Amiano, J. Ramón Quirós, Aurelio Barricarte Gurrea, Pietro Ferrari, Isabelle Romieu, Veronika Fedirko, H. B(ás). Bueno-de-Mesquita, Peter D. Siersema, Petra H.M. Peeters, Kay-Tee Khaw, Nick Wareham, Naomi E. Allen, Francesca L. Crowe, Guri Skeie, Gørán Hallmans, Inggerd Johansson, Signe Borgquist, Ulrika Ericson, Rikke Egeberg, Anne Tjønneland, Kim Overvad, Verena Grote, Kuanrong Li, Antonia Trichopoulou, Despoina Oikonomidou, Meira Epplein, Wei Zheng, Yong-Bing Xiang, Richard M. Peek Jr, Honglian Li, Pelayo Correa, Jing Gao, Angelika Michel, Michael Pawlita, Qiyun Cai, and Xiao-Ou Shu

**A Candidate Molecular Biomarker Panel for the Detection of Bladder Cancer**

Virginia Urquidi, Steve Goodison, Yinpeng Cai, Yijun Sun, and Charles J. Rosser

**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

**The Heritability of Mammographic Breast Density and Circulating Sex-Hormone Levels: Two Independent Breast Cancer Risk Factors**


**Influence of Quercetin-Rich Food Intake on microRNA Expression in Lung Tissues**

Tram K. Lam, Stephanie Shao, Yingdong Zhao, Francesco Marincola, Angela Pesatori, Pier Alberto Bertazzi, Neil E. Caporaso, Ena Wang, and Maria Teresa Landi

**Prospective Study of Helicobacter pylori Biomarkers for Gastric Cancer Risk among Chinese Men**

Meira Epplein, Wei Zheng, Yong-Bing Xiang, Richard M. Peek Jr, Honglian Li, Pelayo Correa, Jing Gao, Angelika Michel, Michael Pawlita, Qiyun Cai, and Xiao-Ou Shu

**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. Mikhail, and H-H. Sherry Chow

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

HPV Vaccination among Adolescent Females from Appalachia: Implications for Cervical Cancer Disparities
Paul L. Reiter, Mira L. Katz, and Electra D. Paskett

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, Quyuing Zhang, Ruth Perrin, David Bentrem, and Denise M. Hynes

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 L. Amos, Georgina Armstrong, Jonine L. Bernstein, Elizabeth Clauws, Faiith 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 Shtei, Robert Yu, Nicholas A. Vick, Ryan Merrell, Margaret Wrench, Ping Yang, Beatrice Melin, Melissa L. Bondy, and Jill S. Barnholtz-Sloan, on behalf of the Gliogene Consortium

Screening and Breast Cancer Mortality—Letter
Robin J. Bell and Robert C. Burton

Screening and Breast Cancer Mortality—Response
Carolyn Nickson, Kate E. Mason, Dallas R. English, and Anne M. Kavanagh

NULL RESULTS IN BRIEF

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

Common Obesity-Related Genetic Variants and Papillary Thyroid Cancer Risk

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

Acknowledgment to Reviewers