

Highlights of This Issue 893**EDITORIAL**

- 895** Yes, Minority and Underserved Populations Will Participate in Biospecimen Collection
Edward E. Partridge

HYPOTHESIS/COMMENTARY

- 898** Strengths, Weaknesses, and Opportunities of Diagnostic Breathomics in Pleural Mesothelioma—A Hypothesis
Kevin Lamote, Kristiaan Nackaerts, and Jan P. van Meerbeeck
- 909** Cancer Screening and Genetics: A Tale of Two Paradigms
Jada G. Hamilton, Heather M. Edwards, Muin J. Khoury, and Stephen H. Taplin

REVIEW

- 917** Circulating 25-hydroxyvitamin D Levels and Prognosis among Cancer Patients: A Systematic Review
Adetunji T. Toriola, Nhi Nguyen, Kristen Scheitler-Ring, and Graham A. Colditz

RESEARCH ARTICLES

- 934** Alcohol Consumption and Survival after a Breast Cancer Diagnosis: A Literature-Based Meta-analysis and Collaborative Analysis of Data for 29,239 Cases
Alaa M.G. Ali, Marjanka K. Schmidt, Manjeet K. Bolla, Qin Wang, M. Gago-Dominguez, J. Esteban Castela, Angel Carracedo, Victor Muñoz Garzón, Stig E. Bojesen, Børge G. Nordestgaard, Henrik Flyger, Jenny Chang-Claude, Alina Vrieling, Anja Rudolph, Petra Seibold, Heli Nevanlinna, Taru A. Murañen, Kirsimari Aaltonen, Carl Blomqvist, Keitaro Matsuo, Hidemi Ito, Hiroji Iwata, Akiyo Horio, Esther M. John, Mark Sherman, Jolanta Lissowska, Jonine Figueroa, Montserrat Garcia-Closas, Hoda Anton-Culver, Mitul Shah, John L. Hopper, Antonia Trichopoulou, Bas Bueno-de-Mesquita, Vittorio Krogh, Elisabete Weiderpass, Anne Andersson, Françoise Clavel-Chapelon, Laure Dossus, Guy Fagherazzi, Petra H. Peeters, Anja Olsen, Gordon C. Wishart, Douglas F. Easton, Signe Borgquist, Kim Overvad, Aurelio Barricarte, Carlos A. González, María-José Sánchez, Pilar Amiano, Elio Riboli, Tim Key, and Paul D. Pharoah

- 946** The Relationship between Umbilical Cord Estrogens and Perinatal Characteristics
Martha Hickey, Roger Hart, and Jeffrey A. Keelan

- 953** Cancer in Africa 2012
D. Maxwell Parkin, Freddie Bray, Jacques Ferlay, and Ahmedin Jemal

- 967** Financial Strain and Cancer Risk Behaviors among African Americans
Pragati S. Advani, Lorraine R. Reitzel, Nga T. Nguyen, Felicia D. Fisher, Elaine J. Savoy, Adolfo G. Cuevas, David W. Wetter, and Lorna H. McNeill

- 976** Insulin-like Growth Factor-I and Risk of Differentiated Thyroid Carcinoma in the European Prospective Investigation into Cancer and Nutrition
Julie A. Schmidt, Naomi E. Allen, Martin Almquist, Silvia Franceschi, Sabina Rinaldi, Sarah J. Tipper, Konstantinos K. Tsilidis, Elisabete Weiderpass, Kim Overvad, Anne Tjønneland, Marie-Christine Boutron-Ruault, Laure Dossus, Sylvie Mesrine, Rudolf Kaaks, Annkatrin Lukanova, Heiner Boeing, Pagona Lagiou, Dimitrios Trichopoulos, Antonia Trichopoulou, Domenico Palli, Vittorio Krogh, Salvatore Panico, Rosario Tumino, Roberto Zanetti, H. Bas Bueno-de-Mesquita, Petra H. Peeters, Eiliv Lund, Virginia Menéndez, Antonio Agudo, María-José Sánchez, María-Dolores Chirlaque, Eva Ardanaz, Nerea Larrañaga, Joakim Hennings, Maria Sandström, Kay-Tee Khaw, Nick Wareham, Isabelle Romieu, Marc J. Gunter, Elio Riboli, Timothy J. Key, and Ruth C. Travis

- 986** Associations between 25 Lung Cancer Risk-Related SNPs and Polycyclic Aromatic Hydrocarbon-Induced Genetic Damage in Coke Oven Workers
Xiayun Dai, Siyun Deng, Tian Wang, Gaokun Qiu, Jun Li, Binyao Yang, Wei Feng, Xiaosheng He, Qifei Deng, Jian Ye, Wangzhen Zhang, Meian He, Xiaomin Zhang, Huan Guo, and Tangchun Wu

- 997** Exploring the Recent Trend in Esophageal Adenocarcinoma Incidence and Mortality Using Comparative Simulation Modeling
Chung Yin Kong, Sonja Kroep, Kit Curtius, William D. Hazelton, Jihyoun Jeon, Rafael Meza, Curtis R. Heberle, Melecia C. Miller, Sung Eun Choi, Iris Lansdorp-Vogelaar, Marjolein van Ballegoijen, Eric J. Feuer, John M. Inadomi, Chin Hur, and E. Georg Luebeck

Table of Contents

- 1007** **Maternal Smoking and DNA Methylation in Newborns: *In Utero* Effect or Epigenetic Inheritance?**
Bonnie R. Joubert, Siri E. Håberg, Douglas A. Bell, Roy M. Nilsen, Stein Emil Vollset, Øivind Midttun, Per Magne Ueland, Michael C. Wu, Wenche Nystad, Shyamal D. Peddada, and Stephanie J. London
- 1018** **Lymphocyte Telomere Length Is Long in *BRCA1* and *BRCA2* Mutation Carriers Regardless of Cancer-Affected Status**
Karen A. Pooley, Lesley McGuffog, Daniel Barrowdale, Debra Frost, Steve D. Ellis, Elena Fineberg, Radka Platte, Louise Izatt, Julian Adlard, Julian Bardwell, Carole Brewer, Trevor Cole, Jackie Cook, Rosemarie Davidson, Alan Donaldson, Huw Dorkins, Fiona Douglas, Jacqueline Eason, Catherine Houghton, M. John Kennedy, Emma McCann, Zosia Miedzzybrodzka, Alex Murray, Mary E. Porteous, Mark T. Rogers, Lucy E. Side, Marc Tischkowitz, Lisa Walker, Shirley Hodgson, Diana M. Eccles, Patrick J. Morrison, D. Gareth Evans, Rosalind A. Eeles, on behalf of EMBRACE; Antonis C. Antoniou, Douglas F. Easton, and Alison M. Dunning
- 1025** **International Variation in Lung Cancer Mortality Rates and Trends among Women**
Lindsey A. Torre, Rebecca L. Siegel, Elizabeth M. Ward, and Ahmedin Jemal
- 1037** **Plasma Antioxidants, Genetic Variation in *SOD2*, *CAT*, *GPX1*, *GPX4*, and Prostate Cancer Survival**
Erin L. Van Blarigan, Jing Ma, Stacey A. Kenfield, Meir J. Stampfer, Howard D. Sesso, Edward L. Giovannucci, John S. Witte, John W. Erdman Jr, June M. Chan, and Kathryn L. Penney
- 1047** **Tissue Biomarkers for Prognosis of Prostate Cancer: A Systematic Review and Meta-analysis**
Liuyang Zhao, Na Yu, Tianfang Guo, Yixuan Hou, Zongyue Zeng, Xiaorong Yang, Ping Hu, Xi Tang, Jian Wang, and Manran Liu
- 1055** **Nicotine and Carcinogen Exposure after Water Pipe Smoking in Hookah Bars**
Gideon St. Helen, Neal L. Benowitz, Katherine M. Dains, Christopher Havel, Margaret Peng, and Peyton Jacob III
- 1067** **Continued Rapid Increase in Thyroid Cancer Incidence in California: Trends by Patient, Tumor, and Neighborhood Characteristics**
Pamela L. Horn-Ross, Daphne Y. Lichtensztajn, Christina A. Clarke, Chrysoula Dosiou, Ingrid Oakley-Girvan, Peggy Reynolds, Scarlett Lin Gomez, and David O. Nelson
- 1080** **Long-term Ultraviolet Flux, Other Potential Risk Factors, and Skin Cancer Risk: A Cohort Study**
Shaowei Wu, Jiali Han, Francine Laden, and Abrar A. Qureshi
- 1090** **Predictors of the Occurrence of Smoking Discontinuation in Novice Adolescent Smokers**
Jennifer L. O'Loughlin, Marie-Pierre Sylvestre, Erika N. Dugas, and Igor Karp

SHORT COMMUNICATIONS


- 1102** **Dietary Flavonoid Intake and Thyroid Cancer Risk in the NIH-AARP Diet and Health Study**
Qian Xiao, Yikyung Park, Albert R. Hollenbeck, and Cari M. Kitahara
- 1109** **Carnitine and Cardiac Dysfunction in Childhood Cancer Survivors Treated with Anthracyclines**
Saro H. Armenian, Sarah K. Gelehrter, Tabitha Vase, Rajkumar Venkatramani, Wendy Landier, Karla D. Wilson, Claudia Herrera, Leah Reichman, John-David Mentee, Leo Mascarenhas, David R. Freyer, Kalyanasundaram Venkataraman, and Smita Bhatia
- 1115** **Associations between Estrogen Receptor–Negative Breast Cancer and Timing of Reproductive Events Differ between African American and European American Women**
 Christine B. Ambrosone, Gary R. Zirpoli, Dana Howard Bovbjerg, Jyoti Shankar, Chi-Chen Hong, Susan E. McCann, Melanie Rusczyk, Thaer Khoury, Song Yao, Gregory L. Ciupak, Lina Jandorf, Karen S. Pawlish, and Elisa V. Bandera

Table of Contents

NULL RESULTS IN BRIEF

- 1121** Variants Associated with Susceptibility to Pancreatic Cancer and Melanoma Do Not Reciprocally Affect Risk
Lang Wu, Alisa M. Goldstein, Kai Yu, Xiaohong Rose Yang, Kari G. Rabe, Alan A. Arslan, Federico Canzian, Brian M. Wolpin, Rachael Stolzenberg-Solomon, Laufey T. Amundadottir, and Gloria M. Petersen
- 1125** GWAS-Identified Common Variants for Obesity Are Not Associated with the Risk of Developing Colorectal Cancer
Juan Sainz, Bernd Frank, Miguel I. da Silva Filho, Michael Hoffmeister, Anja Rudolph, Katja Butterbach, Jenny Chang-Claude, Hermann Brenner, Kari Hemminki, and Asta Försti

LETTERS TO THE EDITOR

- 1129** Telomere Length Varies by DNA Extraction Method: Implications for Epidemiologic Research—Letter
Jonathan N. Hofmann, Amy A. Hutchinson, Richard Cawthon, Chin-San Liu, Shannon M. Lynch, Qing Lan, Nathaniel Rothman, Rachael Stolzenberg-Solomon, and Mark P. Purdue

- 1131** Telomere Length Varies by DNA Extraction Method: Implications for Epidemiologic Research—Response
Lisa A. Boardman, Halcyon G. Skinner, and Kristin Litzelman

RETRACTION

- 1132** Retraction: Simultaneous Recovery of DNA and RNA from Formalin-Fixed Paraffin-Embedded Tissue and Application in Epidemiologic Studies

ASPO REPORT

- 1133** In Memoriam: An Appreciation for the NCI R25T Cancer Education and Career Development Program
Shine Chang

 AC icon indicates Author Choice

For more information please visit www.aacrjournals.org

BLOOD CANCER DISCOVERY

23 (6)

Cancer Epidemiol Biomarkers Prev 2014;23:893-1136.

Updated version Access the most recent version of this article at:
<http://cebp.aacrjournals.org/content/23/6>

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/23/6>. Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.