### Table of Contents

#### November 2014 • Volume 23 • Number 11

**Highlights of This Issue** 2199

**CEBP FOCUS: CANCER IN ASIAN AND PACIFIC ISLANDER POPULATIONS**

- **2202** Cancer Research in Asian American, Native Hawaiian, and Pacific Islander Populations: Accelerating Cancer Knowledge by Acknowledging and Leveraging Heterogeneity
  Scarlett Lin Gomez, Sally L. Glaser, Pamela L. Horn-Ross, Iona Cheng, Thu Quach, Christina A. Clarke, Peggy Reynolds, Salma Shariff-Marco, Juan Yang, Marion M. Lee, William A. Satariano, and Ann W. Hsing

- **2206** Cancer in Asian American and Pacific Islander Populations: Linking Research and Policy to Identify and Reduce Disparities
  Tung Thanh Nguyen

- **2208** Patient and Provider Characteristics Associated with Colorectal, Breast, and Cervical Cancer Screening among Asian Americans
  Caroline A. Thompson, Scarlett Lin Gomez, Albert Chan, John K. Chan, Sean R. McClellan, Sukyoung Chung, Cliff Olson, Vani Nimbal, and Latha P. Palaniappan

- **2218** Disaggregating Data on Asian American and Pacific Islander Women to Provide New Insights on Potential Exposures to Hazardous Air Pollutants in California
  Thu Quach, Ruiling Liu, David O. Nelson, Susan Hurley, Julie Von Behren, Andrew Hertz, and Peggy Reynolds

- **2229** Chronic Hepatitis B and Liver Cancer Risks among Asian Immigrants in New York City: Results from a Large, Community-Based Screening, Evaluation, and Treatment Program
  Henry J. Pollack, Simona C. Kwon, Su H. Wang, Laura C. Wyatt, and Chau Trinh-Shevrin, on behalf of the AAHBP Coalition

- **2240** 1,3-Butadiene Exposure and Metabolism among Japanese American, Native Hawaiian, and White Smokers
  Sungshim Lani Park, Srikanth Kotapati, Lynne R. Wilkens, Maarit Tuirikainen, Sharon E. Murphy, Natalia Tretyakova, and Loic Le Marchand

**Lung Cancer Incidence Trends by Histology Type among Asian American, Native Hawaiian, and Pacific Islander Populations in the United States, 1990–2010**
Iona Cheng, Gem M. Le, Anne-Michelle Noone, Kathleen Gali, Manali Patel, Robert W. Haile, Heather A. Wakelee, and Scarlett L. Gomez

**Disaggregated Data and Beyond: Future Queries in Cancer Control Research**
Anh Bao Nguyen, Neetu Chawla, Anne-Michelle Noone, and Shobha Srinivasan

**REVIEWS**

- **2273** Implementation Science in Cancer Prevention and Control: A Framework for Research and Programs in Low- and Middle-Income Countries
  Sudha Sivaram, Michael A. Sanchez, Barbara K. Rimer, Jonathan M. Samet, and Russell E. Glasgow

- **2285** HE4 Tissue Expression and Serum HE4 Levels in Healthy Individuals and Patients with Benign or Malignant Tumors: A Systematic Review
  Nikoline S. Karlsen, Mona A. Karlsen, Claus K. Høgdall, and Estrid V.S. Høgdall

**CANCER SURVEILLANCE RESEARCH**

- **2296** A Web Tool for Age–Period–Cohort Analysis of Cancer Incidence and Mortality Rates
  Philip S. Rosenberg, David P. Check, and William F. Anderson

**RESEARCH ARTICLES**

- **2303** The Heritability of Prostate Cancer in the Nordic Twin Study of Cancer
  Jacob B. Hjelmberg, Thomas Scheike, Klaus Holst, Axel Skytthe, Kathryn L. Penney, Rebecca E. Graff, Eero Puukkala, Kaare Christensen, Hane-Olov Adami, Niels V. Holm, Elizabeth Nuttall, Steinbjorn Hansen, Mikael Hartman, Kamila Czene, Jennifer R. Harris, Jaakko Kaprio, and Lorelei A. Mucci
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>2322</td>
<td>The Role of Genome Sequencing in Personalized Breast Cancer Prevention</td>
<td>Weiva Sieh, Joseph H. Rothstein, Valerie McGuire, and Alice S. Whittemore</td>
</tr>
<tr>
<td>2328</td>
<td>The Paracrine Hormone for the GUCY2C Tumor Suppressor, Guanylin, Is Universally Lost in Colorectal Cancer</td>
<td>Chantell Wilson, Jieru E. Lin, Peng Li, Adam E. Snook, Jianping Gong, Takahiro Sato, Chengbao Liu, Melanie A. Girondo, Hallgeir Rui, Terry Hyslop, and Scott A. Waldman</td>
</tr>
<tr>
<td>2338</td>
<td>Comparison of Mammographic Density Assessed as Volumes and Areas among Women Undergoing Diagnostic Image-Guided Breast Biopsy</td>
<td>Gretchen L. Gierach, Berta M. Geller, John A. Shepherd, Deesda A. Patel, Pamela M. Vacek, Donald L. Weaver, Rachael E. Chicoine, Ruth M. Pfeiffer, Bo Fan, Amir Pasha Mahmoudzadeh, Jeff Wang, Jason M. Johnson, Sally D. Herschorn, Louise A. Brinton, and Mark E. Sherman</td>
</tr>
<tr>
<td>2349</td>
<td>Serum Lipid Profile and Risk of Prostate Cancer Recurrence: Results from the SEARCH Database</td>
<td>Emma H. Allott, Lauren E. Howard, Matthew R. Cooperberg, Christopher J. Kane, William J. Aronson, Martha K. Terris, Christopher L. Amling, and Stephen J. Freedland</td>
</tr>
<tr>
<td>2357</td>
<td>Association of Leukocyte Mitochondrial DNA Copy Number with Colorectal Cancer Risk: Results from the Shanghai Women's Health Study</td>
<td>Bo Huang, Yu-Tang Gao, Xiao-Ou Shu, Wanqing Wen, Gong Yang, Guoliang Li, Regina Courtney, Bu-Tian Ji, Hong-Lan Li, Mark P. Purdue, Wei Zheng, and Quyin Cai</td>
</tr>
<tr>
<td>2366</td>
<td>National Trends and Disparities in Cervical Cancer Screening among Commercially Insured Women, 2001–2010</td>
<td>J. Frank Wharam, Fang Zhang, Xin Xu, Bruce E. Landon, and Dennis Ross-Degnan</td>
</tr>
<tr>
<td>2383</td>
<td>Dietary Inflammatory Index and Risk of Colorectal Cancer in the Iowa Women's Health Study</td>
<td>Nitin Shivappa, Anna E. Prizment, Cindy K. Blair, David R. Jacobs Jr, Susan E. Steck, and James R. Hebert</td>
</tr>
<tr>
<td>2393</td>
<td>Inflammation and Oxidative Stress Markers and Esophageal Adenocarcinoma Incidence in a Barrett's Esophagus Cohort</td>
<td>Sheetal Hardikar, Lynn Onstad, Xiaoling Song, Angela M. Wilson, Thomas J. Montine, Mario Kratz, Garnet L. Anderson, Patricia L. Blount, Brian J. Reid, Emily White, and Thomas L. Vaughan</td>
</tr>
<tr>
<td>2413</td>
<td>Colonic Mucosal Fatty Acid Synthase as an Early Biomarker for Colorectal Neoplasia: Modulation by Obesity and Gender</td>
<td>Mart Dela Cruz, Ramesh K. Wall, Laura K. Bianchi, Andrew J. Radoshevich, Susan E. Crawford, Lisa Jepeal, Michael J. Goldberg, Jaclyn Weinstein, Navneet Momi, Priya Roy, Audrey H. Calderwood, Vadim Backman, and Hemant K. Roy</td>
</tr>
<tr>
<td>2422</td>
<td>A Prospective Cohort Study of Body Size and Risk of Head and Neck Cancers in the NIH–AARP Diet and Health Study</td>
<td>Arash Etemadi, Mark G. O'Doherty, Neal D. Freedman, Albert R. Hollenbeck, Sanford M. Dawsey, and Christian C. Abnet</td>
</tr>
<tr>
<td>2430</td>
<td>Circulating Mitochondrial DNA Level, a Noninvasive Biomarker for the Early Detection of Gastric Cancer</td>
<td>Julien Fernandes, Valérie Michel, Margarita Camorlinga-Ponce, Alejandro Gomez, Carmen Maldonado, Hilde De Reuse, Javier Torres, and Eliette Touati</td>
</tr>
</tbody>
</table>
2439  Shorter Leukocyte Telomere Length Is Independently Associated with Poor Survival in Patients with Bladder Cancer
Alessia Russo, Federica Modica, Simonetta Guarrera, Giovanni Fiorito, Barbara Pardini, Clara Viberti, Alessandra Allione, Rossana Critelli, Andrea Bosio, Giovanni Casetta, Giuseppina Cucchiara, Paolo Destefanis, Paolo Gontero, Luigi Rolle, Andrea Zitella, Dario Fontana, Bruno Freia, Paolo Vinesi, Carlotta Sacerdote, and Giuseppe Matullo

2447  Leukocyte Telomere Length in Relation to Pancreatic Cancer Risk: A Prospective Study

2455  HPV Seroconversion Following Anal and Penile HPV Infection in HIV-Negative and HIV-Infected MSM
Sofie H. Mooij, Olivia Landén, Fiona R.M. van der Klis, Peter M. Nilsson, Malin Sund, Weimin Ye, Eiliv Lund, Mie Jareid, Elisabeta Weiderpass, Talita Duarte-Salles, So Yeon Kong, Magdalena Stepien, Federico Canzian, and Rudolf Kaaks

2459  Downregulation of microRNAs 145-3p and 145-5p Is a Long-term Predictor of Postmenopausal Breast Cancer Risk: The ORDET Prospective Study
Paola Muti, Andrea Sacconi, Ahmed Hossain, Sara Donzelli, Noa Bosel Ben Moshe, Federica Ganci, Sabina Sieri, Vittorio Krog, Franco Berrino, Francesca Biagioni, Sabrina Strano, Joseph Beyene, Yosef Yarden, and Giovanni Blandino

2462  The Cytokinesis-Blocked Micronucleus Assay as a Strong Predictor of Lung Cancer: Extension of a Lung Cancer Risk Prediction Model
Randa A. El-Zein, Mirtha S. Lopez, Anthony M. D’Amelio Jr, Mei Liu, Reginald F. Munden, David Christiani, Li Su, Paula Tejera-Alveraz, Rihong Zhai, Margaret R. Spitz, and Carol J. Etzel

2471  Variation in Mutation Spectrum Partly Explains Regional Differences in the Breast Cancer Risk of Female BRCA Mutation Carriers in the Netherlands

2476  Reproductive and Hormonal Risk Factors for Antinuclear Antibodies (ANA) in a Representative Sample of U.S. Women

2482  Polymorphisms in MicroRNAs Are Associated with Survival in Non–Small Cell Lung Cancer
Yang Zhao, Qingyi Wei, Lingming Hu, Feng Chen, Zhibin Hu, Rebecca S. Heist, Li Su, Christopher I. Amos, Hongbing Shen, and David C. Christiani

2492  The Cancer Prevention and Control Research Network: An Interactive Systems Approach to Advancing Cancer Control Implementation Research and Practice
Maria E. Fernández, Cathy L. Melvin, Jennifer Leeman, Kurt M. Ribisl, Jennifer D. Allen, Michelle C. Kegler, Roshan Bastani, Marcia G. Ory, Betsy C. Risendal, Peggy A. Hannon, Matthew W. Kreuter, and James R. Hebert
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>2608</td>
<td>Cancer Death and Antihypertensive Drug Treatment—Response</td>
<td>Joel N. Swerdel and John B. Kostis</td>
</tr>
<tr>
<td>2609</td>
<td>Temporal Trends in Thyroid Cancer Incidence in California—Letter</td>
<td>Anna M. Sawka, Patrick E. Brown, and Shereen Ezzat</td>
</tr>
<tr>
<td>2610</td>
<td>The Cancer Genomics and Epidemiology Navigator: An NCI Online Tool to Enhance Cancer Epidemiology Research</td>
<td>Sheri D. Schully, Scott D. Rogers, Tram Kim Lam, Christine Q. Chang, Mindy Clyne, Jean Cyr, Daniel Watson, and Muin J. Khoury</td>
</tr>
<tr>
<td>2612</td>
<td>Accelerometer Determined Lifestyle Behaviors Over Time—Letter</td>
<td>Bernardine M. Pinto, Wendy Demark-Wahnefried, Julia H. Rowland, and Noreen M. Aziz</td>
</tr>
<tr>
<td>2613</td>
<td><strong>ASPO REPORT</strong></td>
<td></td>
</tr>
<tr>
<td>2613</td>
<td>Challenges and Opportunities in International Molecular Cancer Prevention Research: An ASPO Molecular Epidemiology and the Environment and International Cancer Prevention Interest Groups Report</td>
<td>Meira Epplein, Robert M. Bostick, Lina Mu, Shuji Ogino, Dejana Braithwaite, and Peter A. Kanetsky</td>
</tr>
</tbody>
</table>

AC icon indicates Author Choice
For more information please visit www.aacrjournals.org
Cancer Epidemiology, Biomarkers & Prevention

23 (11)


Updated version
Access the most recent version of this article at:
http://cebp.aacrjournals.org/content/23/11

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, contact the AACR Publications Department at permissions@aacr.org.