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, Sukyung 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 Tirikainen, Sharon E. Murphy, Natalia Tretyakova, and Loïc Le Marchand

2250 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

2266 Disaggregated Data and Beyond: Future Queries in Cancer Control Research
Anh Bao Nguyen, Neetu Chawda, 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. Hjelmborg, Thomas Scheike, Klaus Holst, Axel Skyttche, Kathryn L. Penney, Rebecca E. Graff, Eero Puikkala, Kaare Christensen, Hane-Olov Adami, Niels V. Holm, Elizabeth Nuttall, Steinhorns Hansen, Mikael Hartman, Kamila Czene, Jennifer R. Harris, Jaakko Kaprio, and Lorelei A. Mucci
### Table of Contents

<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 McGuirie, 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, Deesha 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 Qiuyin 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. Radojevic, 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, Valerie Michel, Margarita Camorlinga-Ponce, Alejandro Gomez, Carmen Maldonado, Hilde De Reuse, Javier Torres, and Eliette Touati</td>
</tr>
</tbody>
</table>
Shorter Leukocyte Telomere Length Is Independently Associated with Poor Survival in Patients with Bladder Cancer
Alessia Russo, Federica Modica, Simonetta Guarerra, 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 Vineis, Carlotta Sacerdote, and Giuseppe Matullo

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

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, Marianne A.B. van der Sande, Hester E. de Melker, Talita Duarte-Salles, So Yeon Kong, Magdalena Stepien, Federico Canzian, and Rudolf Kaaks

The Cytokinesis-Blocked Micronucleus Assay as a Strong Predictor of Lung Cancer: Extension of a Lung Cancer Risk Prediction Model
Randa A. El-Zein, Mithra 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

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 Bossel Ben Moshe, Federica Ganci, Sabina Sieri, Vittorio Krog, Franco Berrino, Francesca Biagini, Sabrina Strano, Joseph Beyene, Yosef Yarden, and Giovanni Blandino

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

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

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

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
A Prospective Study of Physical Activity and Breast Cancer Incidence in African-American Women
Lynn Rosenberg, Julie R. Palmer, Traci N. Bethea, Yulun Ban, Kristen Kipping-Ruane, and Lucile L. Adams-Campbell

Prolactin Determinants in Healthy Women: A Large Cross-Sectional Study within the EPIC Cohort

Development and Validation of a Risk Score Predicting Risk of Colorectal Cancer
Annika Steffen, Robert J. MacInnis, Grace Joshy, Graham C. Giles, Emily Banks, and David Roder

Improved Stool DNA Integrity Method for Early Colorectal Cancer Diagnosis
Claudia Rengucci, Giulia De Maio, Maura Menghi, Emanuela Scarpi, Simona Guglielmo, Pietro Fusaroli, Giancarlo Caletti, Luca Saragoni, Andrea Casadei Gardini, Wainer Zoli, Fabio Falcini, Dino Amadori, and Daniele Calistri

A Peripheral Circulating T111 Cytokine Profile Is Inversely Associated with Prostate Cancer Risk in CLUE II

Association of Cancer Susceptibility Variants with Risk of Multiple Primary Cancers: The Population Architecture using Genomics and Epidemiology Study

Smoking at Diagnosis Is an Independent Prognostic Factor for Cancer-Specific Survival in Head and Neck Cancer: Findings from a Large, Population-Based Study
Linda Sharp, Joseph McDevitt, Anne-Elie Carsin, Christopher Brown, and Harry Comber

Prospective Study of Seroreactivity to JC Virus T-Antigen and Risk of Colorectal Cancers and Adenomas

Prediagnostic Circulating Anti-Müllerian Hormone Concentrations Are Not Associated with Prostate Cancer Risk
Martha M. Sklavos, Cindy Ke Zhou, Lijia A. Pinto, and Michael B. Cook

Telomere Length and Mortality Following a Diagnosis of Ovarian Cancer
Joanne Kotsopoulos, Jennifer Prescott, Immaculata De Vivo, Isabel Fan, John Mclaughlin, Barry Rosen, Harvey Risch, Bing Sun, and Steven A. Narod

Cancer Death and Antihypertensive Drug Treatment—Letter
Mark R. Goldstein and Luca Mascitelli
2608  Cancer Death and Antihypertensive Drug Treatment—Response
Joel N. Swerdel and John B. Kostis

2609  Temporal Trends in Thyroid Cancer Incidence in California—Letter
Anna M. Sawka, Patrick E. Brown, and Shereen Ezzat

2610  The Cancer Genomics and Epidemiology Navigator: An NCI Online Tool to Enhance Cancer Epidemiology Research
Sheri D. Schully, Scott D. Rogers, Tram Kim Lam, Christine Q. Chang, Mindy Clyne, Jean Cyr, Daniel Watson, and Muin J. Khoury

2612  Accelerometer Determined Lifestyle Behaviors Over Time—Letter
Bernardine M. Pinto, Wendy Demark-Wahnefried, Julia H. Rowland, and Noreen M. Aziz

ASPO REPORT

2613  Challenges and Opportunities in International Molecular Cancer Prevention Research: An ASPO Molecular Epidemiology and the Environment and International Cancer Prevention Interest Groups Report
Meira Epplein, Robert M. Bostick, Lina Mu, Shuji Ogino, Dejana Braithwaite, and Peter A. Kanetsky

AC icon indicates Author Choice
For more information please visit www.aacrjournals.org